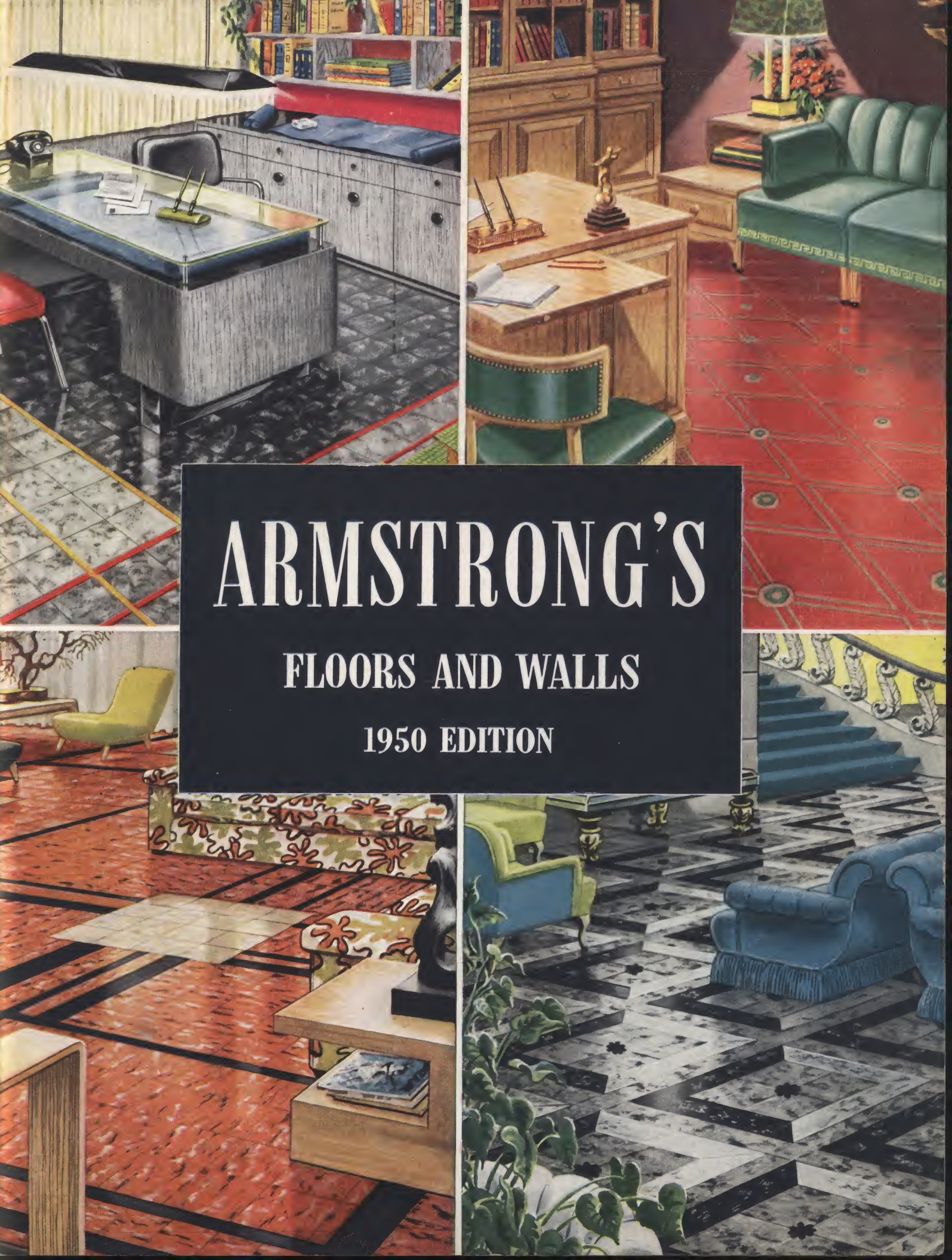


ARMSTRONG'S

FLOORS AND WALLS

1950 EDITION

General Information

Armstrong Cork Company has manufactured cork products and building materials for 90 years. Its Dun and Bradstreet rating is AAA1.

District and Branch Offices in 38 cities. See outside back cover of this catalog for list of addresses.

Products—Following is a list of products of interest to architects and builders.

Flooring Products—Armstrong's Linoleum in Plain, Jaspé, Marbelle®, Embossed, Spatter, and Straight Line patterns, Linotile®, Asphalt Tile in Standard and Grease-proof types, Arlon Tile, Rubber Tile, Cork Tile, Linoleum Tile, Industrial Asphalt Tile, Flormastic for industrial cold mastic floors, and Cove Base. Other flooring products not described in this catalog are: Lining Felt, Adhesives, Furniture Rests, Cleaners, and Wax.

Wall Coverings and Wallboards—Armstrong's Linowall®, Monowall®, Cork Tile, and Veos Wall Tile. Other wall products not listed in this catalog are: Armstrong's Quaker® Wall Covering, a low cost felt-base wall finish and Installation Adhesives.

Distribution—Armstrong's flooring materials and Linowall are sold by flooring contractors, department stores, furniture stores, and other retailers of home furnishings and floor coverings.

Strikingly original resilient floors can easily be designed in keeping with any decorative or architectural style. In the office building lobby below, the Armstrong's Linoleum floor in Marbelle No. 021 and No. 018 was designed to present a dignified appearance. Armstrong's Linoleum wears for years in heavy traffic areas.

Armstrong's Monowall is sold by lumber dealers.

Armstrong's Veos Wall Tile is sold and installed by specialty contractors.

The names of reliable installers of Armstrong products in any locality can be obtained from any district or branch office of the Armstrong Cork Company.

Prices—Since Armstrong's Floorings, Linowall, Monowall, and Veos Wall Tile are sold and installed by others, it is impossible for Armstrong Cork Company to furnish complete information on the installed cost of any of its products. Armstrong contractors in your own locality will be glad to furnish quotations on specific work without obligation.

Color Note—It is suggested that architects specify Armstrong products by numbers given in Armstrong literature because many of the patterns offered are exclusive with Armstrong and cannot be duplicated. Owing to unavoidable color variations which occur in printing, it is suggested that selection of flooring and wall materials be made from actual samples of the material rather than from the printed color plates.

Other Armstrong Building Products

Armstrong's Acoustical Materials—*Cushiontone®, Arrestone®, and Travertone,* see Section 11a, Catalog 2.

Armstrong's Temlok® and Corkboard Roof Insulation, see Section 10a, Catalog 2.

*Armstrong's Corkboard, Cork Covering, Mineral Wool Board, and Foamglas** for cold storage, air conditioning, roof and building insulation, see Section 10b, Catalog 1.

Travertone is a trade name for which registration is pending.
* ® Pittsburgh Corning Corp.

OTHER SERVICES TO ARCHITECTS

Armstrong's Bureau of Interior Decoration in charge of experienced interior designers will, without obligation, suggest designs for floors, walls, and ceilings with complete room color schemes and scaled miniatures of product designs, if desired.

Specifications for the installation of any Armstrong floor or wall product are available upon request. See also pages 32–35 and 42–43 of this catalog for abridged specifications.

Special Assistance on any problem pertaining to the use or installation of all Armstrong floor or wall products can be had by contacting any Armstrong branch office or by writing direct to Armstrong Cork Company, Floor Division, Lancaster, Pa.

Samples of all products are available to architects. Whenever possible, please indicate the colors, grades, and gauges of the flooring or wall material in which you are interested.

Special Literature or answers to specific questions on any or all Armstrong floor and wall products will be furnished upon request.

Index

Plain

Plain Linoleum is linoleum in solid colors without design. Armstrong's Plain Linoleum is distinguished by its unusually smooth texture, even surface, and uniform coloring. These desirable characteristics are the result of careful processing which reduces raw materials to extreme fineness and then mixes them thoroughly.

The twenty-seven clear, rich colors in the Armstrong Line of Plain Linoleum have been carefully chosen for a maximum of harmony. Color tones are related and contrasted for the greatest possible effectiveness in planning custom floors using borders, Linostrips, and Linosets®. Also, the colors in Armstrong's Plain Linoleum have been planned to harmonize well with the colors in other types of Armstrong's Linoleum.

Armstrong's Plain Linoleum is made in rolls 6′ wide and is available in two different gauges—Heavy (⅛″) on burlap backing and Standard (3/32″) on a felt backing. Recent developments in pigments, especially in reds and blues, now enable all colors of Armstrong's Plain Linoleum to resist the discoloring caused by the alkaline action of many soaps.

Cove Base—See recommendations on page 29.

Specifications—See flooring—page 32.

CUSTOM INSETS, BORDERS, LINOSTRIPS

Custom Insets—Almost any design that can be drawn can be executed as either an inset or a border for linoleum floors. In creating such designs, it is well to make sure that all colors required are available in the gauge selected. Cutting can be done by the flooring contractor or at the Armstrong factory.

Linoleum Borders—Plain, jaspé, and Marbelle, in any available gauge, can be furnished in 30′ rolls, 3″ to 36″ wide. Also ready-cut borders 6″, 9″, or 12″ wide are offered in Black No. 27, Chocolate No. 46, Midnight Blue No. 30, Ruby Red No. 40, and, in Marbelle No. 021, in Heavy (⅛″) and Standard Gauges.

Linostrips—These are narrow strips of linoleum and Linowall. They are often laid between the border and the field as an accent, or they can be set several inches from the wall so that the field material can serve as a border. Two or more Linostrips can be used for multiple borders or as interliners. Linostrips are supplied in any available color or gauge of Armstrong's Plain Linoleum in 1″ width and in 45′ rolls.

Brown No. 20
Heavy and Standard Gauge

Midnight Blue No. 30
Heavy and Standard Gauge

Turquoise No. 38
Heavy and Standard Gauge

Orange No. 41
Heavy and Standard Gauge

Jade No. 42
Heavy and Standard Gauge

Fawn No. 45
Heavy and Standard Gauge

Terra Cotta No. 25
Heavy and Standard Gauge

Cerulean Blue No. 34
Heavy and Standard Gauge

Pearl Gray No. 24
Heavy and Standard Gauge

Plain

Silver Gray No. 26
Heavy and Standard Gauge

Evergreen No. 21
Heavy and Standard Gauge

Deep Rose No. 37
Heavy and Standard Gauge

Ruby No. 40
Heavy and Standard Gauge

Chinese Red No. 39
Heavy and Standard Gauge

Chocolate No. 46
Heavy and Standard Gauge

Dark Gray No. 22
Heavy and Standard Gauge

Willow Green No. 44
Heavy and Standard Gauge

Canary Yellow No. 48
Heavy and Standard Gauge

Copper Rust No. 60
Heavy and Standard Gauge

Tan No. 28
Heavy and Standard Gauge

Oriental Blue No. 43
Heavy and Standard Gauge

Chartreuse No. 33
Heavy and Standard Gauge

White No. 23
Heavy and Standard Gauge

Coral No. 49
Heavy and Standard Gauge

Black No. 27
Heavy and Standard Gauge

Cadet Blue No. 29
Heavy and Standard Gauge

Eggplant No. 47
Heavy and Standard Gauge

Jaspé

Jaspé Linoleum presents a multitone striated appearance. This pleasing effect is achieved by mixing varying shades of one or several colors and pressing this mixture between huge rolls which bond it to the backing.

The Armstrong Jaspé Line which offers eighteen patterns ranging from soft wood tones and warm grays to brighter greens, blues, and reds is distinguished by the presence of a number of light colors.

It is made in rolls 6′ wide and in two gauges—Heavy (1/8″) with a burlap backing and Standard (3/32″) with a felt backing. Widely used in homes, offices, and stores.

Linostrips—Use Plain Linoleum strips with Jaspé Linoleum.

Borders—Jaspé border strips are offered in 30′ rolls 3″ to 36″ wide in any available pattern. Jaspé may also be bordered with Plain Linoleum (see page 4 for colors).

Cove Base—See recommendations on page 29.

Specifications—See specifications on page 32.

Sunset No. 15
Standard Gauge Only—Scale: 3″ = 1′0″

Apple Green No. 1
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Taupe No. 12
Heavy Gauge Only—Scale: 3″ = 1′0″

Beige No. 7
Standard Gauge Only—Scale: 3″ = 1′0″

Onyx No. 3
Standard Gauge Only—Scale: 3″ = 1′0″

Wine No. 18
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Marine Blue No. 11
Heavy Gauge Only—Scale: 3″ = 1′0″

Tan No. 9
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Jaspé

Platinum Gray No. 5
Standard Gauge Only—Scale: 3″ = 1′0″

Rose Taupe No. 14
Heavy Gauge Only—Scale: 3″ = 1′0″

Ebony No. 17
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Maize No. 10
Standard Gauge Only—Scale: 3″ = 1′0″

Azure Blue No. 6
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Driftwood Gray No. 13
Heavy Gauge Only—Scale: 3″ = 1′0″

Malay Brown No. 16
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Hunter Green No. 19
Heavy Gauge Only—Scale: 3″ = 1′0″

Light Taupe No. 4
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Teak Brown No. 8
Heavy Gauge Only—Scale: 3″ = 1′0″

Marbelle

Armstrong's Marbelle Linoleum is a colorful, practical flooring that offers an allover marbleized appearance. It has a distinctive non-directional graining which gives the floor a feeling of unusual depth. The marbling extends all the way through the wearing surface.

The thirty patterns in the Armstrong Marbelle Line provide a wide variety of colorings that can be used alone or in combination. These patterns also harmonize with the colors in Armstrong's Plain Linoleum.

Armstrong's Marbelle Linoleum is made in rolls 6′ wide and in three gauges—Heavy (⅛″), Standard (3/32″), and Light (1/16″). Heavy Gauge is made with burlap backing, Standard Gauge with a felt backing, and Light Gauge with a saturated felt backing with the Safety-back feature. Standard and Light Gauge can be pasted directly to wood subfloors without lining felt and later removed without damage to the floor boards.

To simplify pattern designations, the same numbers are now used to refer to Heavy, Standard and Light Gauge Marbelle with the same coloring. However, slight differences in the character of graining are likely to appear in different gauges of the same pattern, and extreme care should be exercised in matching graining in those unusual cases where two different gauges of the same patterns are to be installed in one area.

In this grocery market, the merchandise and fixtures are set off by a distinctive custom designed floor of Armstrong's Marbelle Linoleum. The field is No. 027 Marbelle with aisle strips in No. 019 Marbelle. Colorful insets of Plain Linoleum complete the design. Its sanitary appearance makes it ideal for food stores.

This unusual custom design adds decorative interest and sales appeal to this linen shop. Armstrong's Marbelle Linoleum No. 014 is used as a background for the ribbon and bow effect in Dark Gray No. 22 and Coral No. 49 Plain Linoleum. Flash Type Cove Base in No. 27 Plain Black further adds to the store's attractiveness.

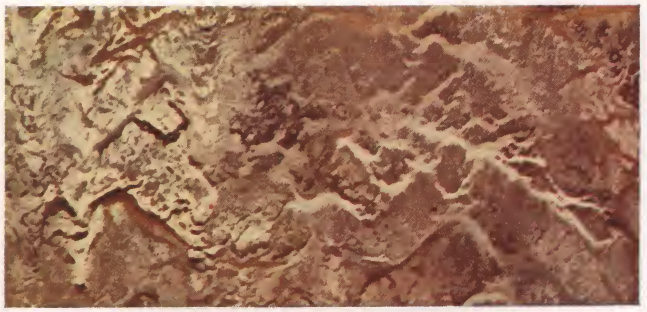
Heavy Gauge Marbelle is recommended for installation in areas that are subjected to constant traffic. Where residences and commercial installations do not require the extreme durability of Heavy Gauge, Standard Gauge is a popular choice. Light Gauge Marbelle is an economical flooring for low-cost housing.

Border Strips—Standard and heavy gauge Black Marbelle No. 021 is available in stock widths of 6″, 9″, and 12″ in rolls up to 30′ long. Other Marbelle patterns are cut to order in any width from 3″ to 36″ rolls up to 30′ long.

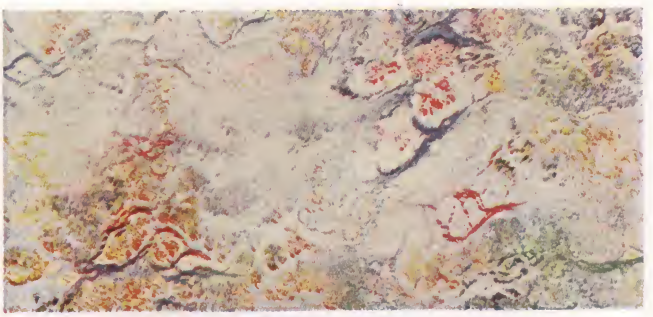
Cove Base—See recommendations on page 29.

Specifications—See specifications on page 32.

Marbelle



Marbelle No. 012
Heavy and Standard Gauge—Scale: 3″ = 1′0″



Marbelle No. 015
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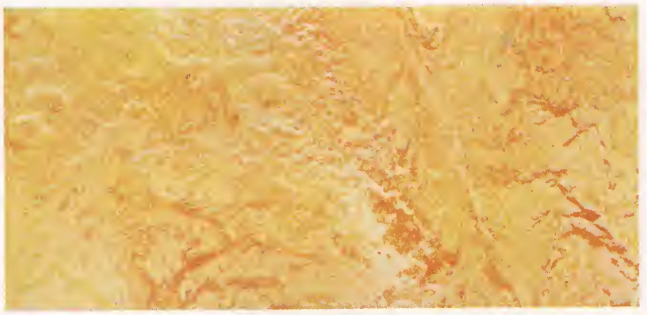
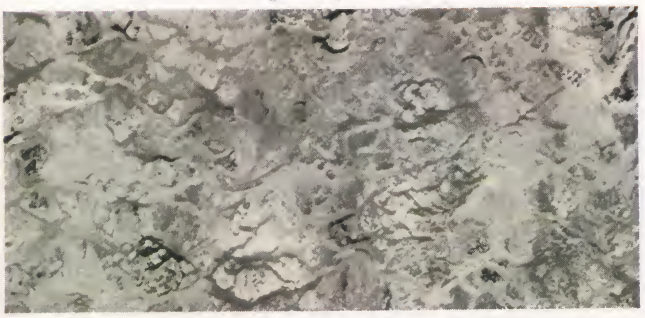


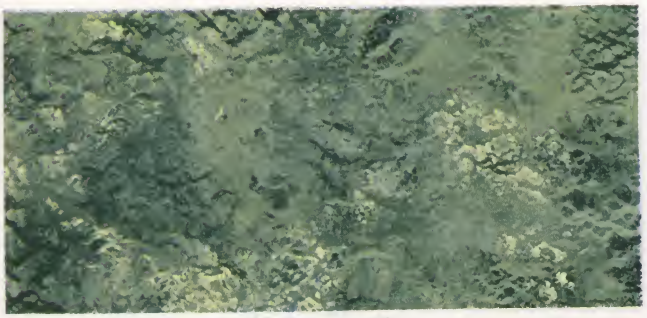
Marbelle No. 031
Standard and Light Gauge—Scale: 3″ = 1′0″

Marbelle No. 027
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″

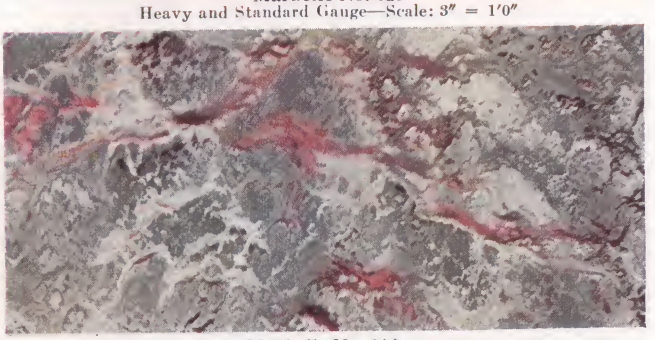


Marbelle No. 018
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″

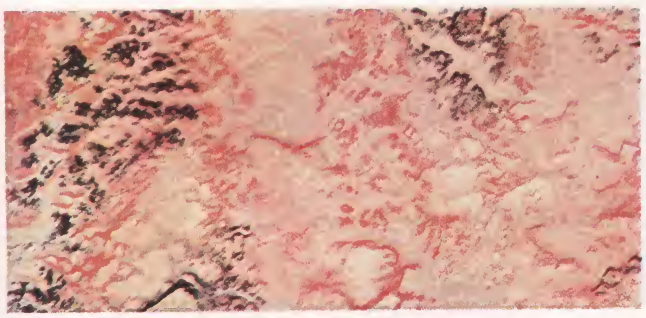
Marbelle No. 023
Heavy and Standard Gauge—Scale: 3″ = 1′0″



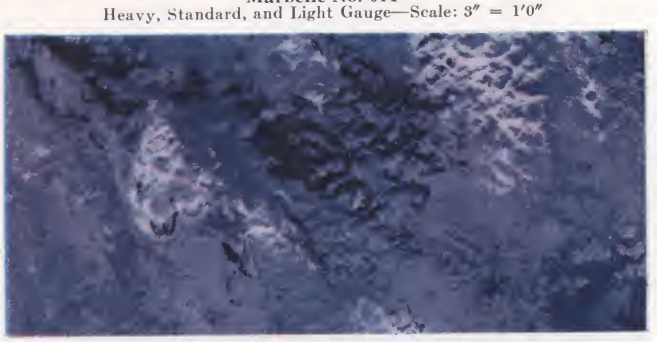
Marbelle No. 08
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″



Marbelle No. 014
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″



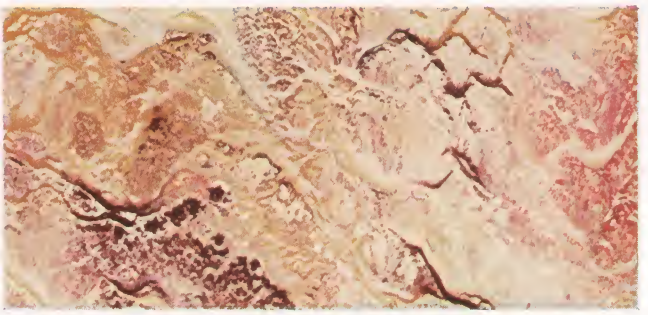
Marbelle No. 019
Standard and Light Gauge—Scale: 3″ = 1′0″



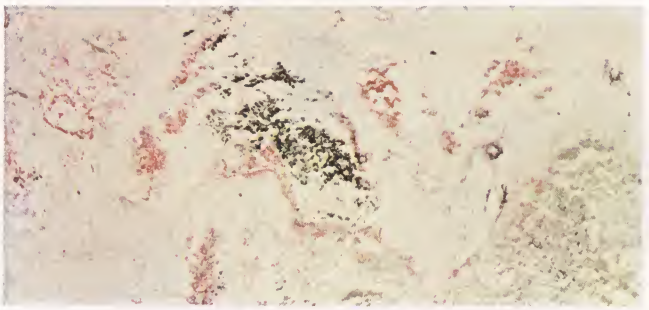
Marbelle No. 013
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″

Marbelle

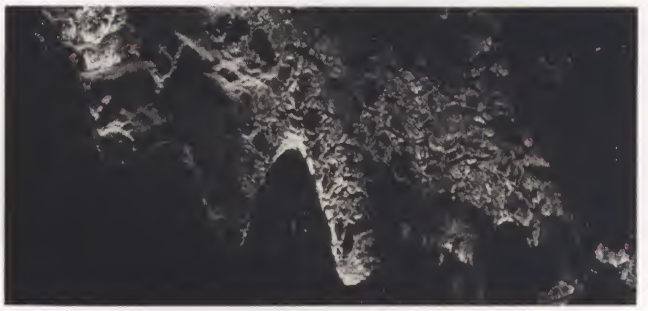
Marbelle No. 037
Heavy and Standard Gauge—Scale: 3″ = 1′0″



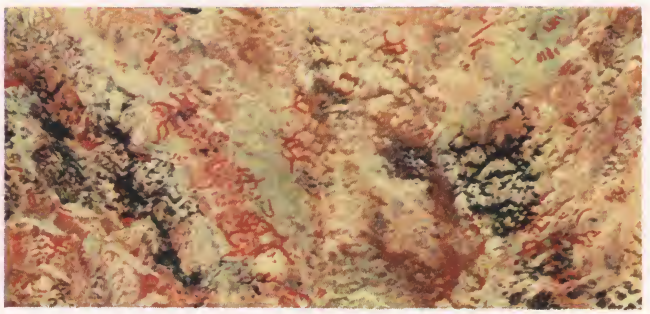
Marbelle No. 04
Standard and Light Gauge—Scale: 3″ = 1′0″



Marbelle No. 016
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″



Marbelle No. 021
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″



Marbelle No. 034
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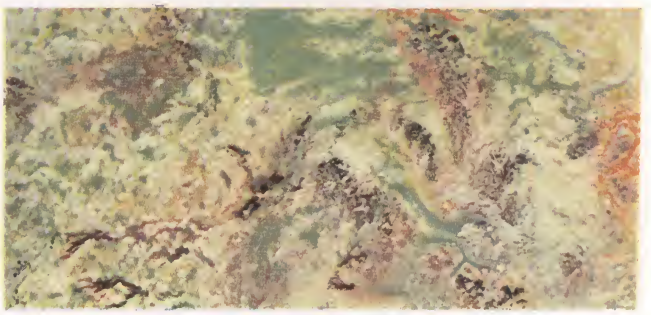
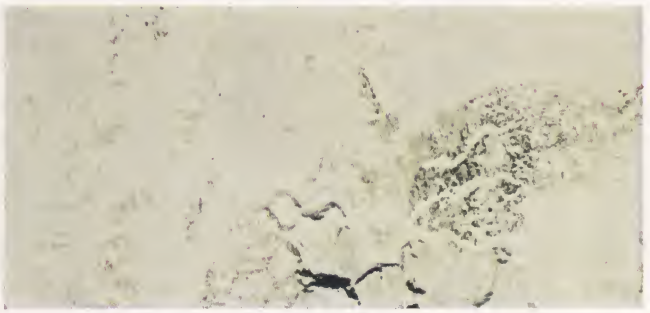
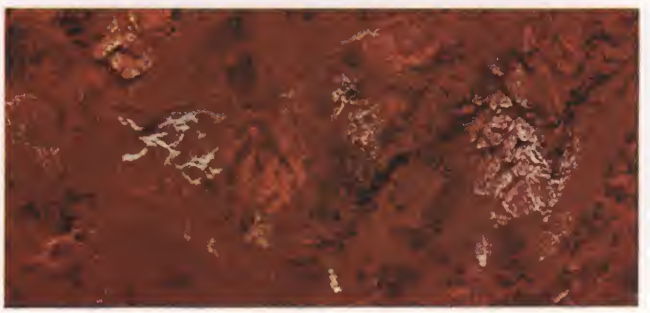


Marbelle No. 030
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″

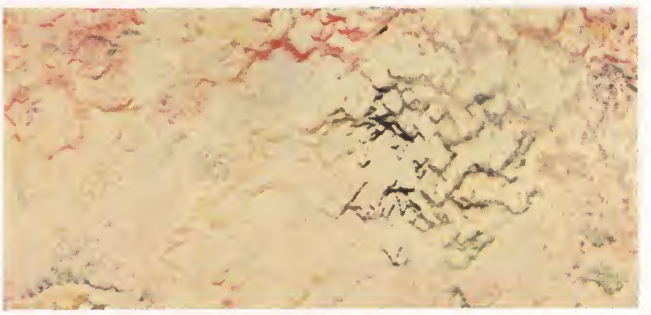


Marbelle No. 032
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″



Marbelle No. 017
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Marbelle No. 03
Heavy and Standard Gauge—Scale: 3″ = 1′0″



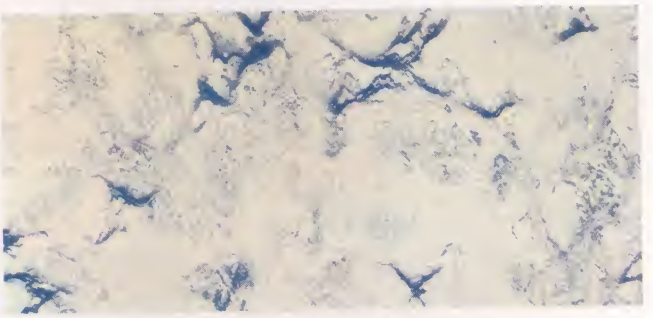
Marbelle No. 028
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″

Marbelle

Marbelle No. 039
Heavy and Standard Gauge—Scale: 3″ = 1′0″

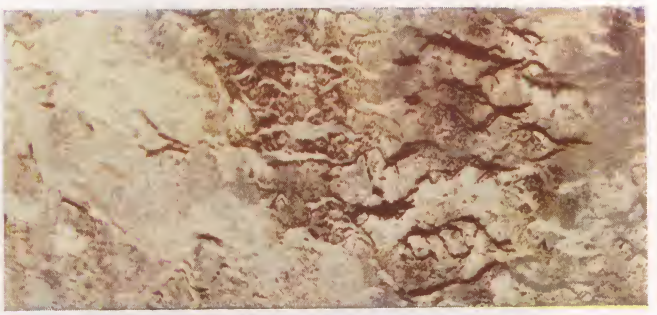
Marbelle No. 036
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Marbelle No. 038
Heavy and Standard Gauge—Scale: 3″ = 1′0″



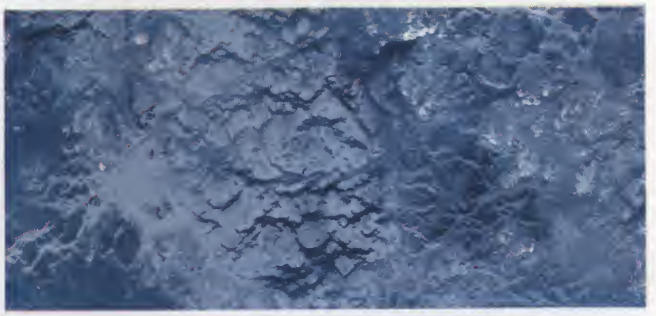
Marbelle No. 020
Standard and Light Gauge—Scale: 3″ = 1′0″

Marbelle No. 033
Heavy and Standard Gauge—Scale: 3″ = 1′0″

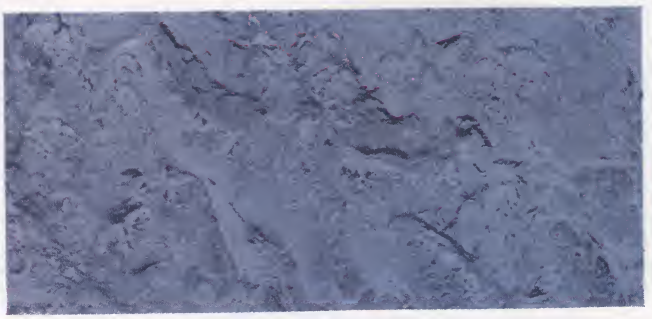


Marbelle No. 09
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Marbelle No. 07
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″



Marbelle No. 02
Heavy, Standard, and Light Gauge—Scale: 3″ = 1′0″



Marbelle No. 035
Heavy and Standard Gauge—Scale: 3″ = 1′0″

Straight Line Inlaid—Standard Gauge

Straight Line Inlaid Linoleum is distinguished by the clear-cut, sharp edges of the blocks, tiles, and other design elements which make up the pattern. In the manufacture of Armstrong's Straight Line, a separate linoleum mix is made for each color that is to appear in the pattern. This mix is rolled into a flexible sheet, and continuous sheets of each color are fed into a highly complex machine along with adhesive-coated burlap or felt backing material. The machine contains mechanisms called die-rolls, which operate much like biscuit cutters. Each die-roll cuts the proper shape for the inlaid pattern from the sheet of color passing through it and automatically places each design unit in its proper position on the backing material. Then it goes to the presses where heat and great pressure bond the design units firmly to each other and to the backing. This pressing operation also helps give a smooth surface to the finished goods.

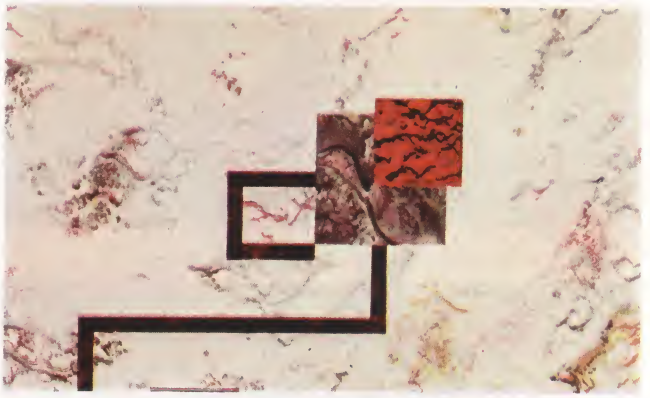
Armstrong's Standard Gauge Straight Line Linoleum contains twelve attractive patterns in an assortment of large and small scale designs. These patterns vary from simple checkerboard arrangements to colorful accents and rambling custom-design effects. Standard Gauge Straight Line Linoleum has always been and continues to be extremely popular for kitchens and general residential use as well as other light traffic areas.

Armstrong's Line of Standard Gauge Linoleum is made in rolls 6′ wide on Armofelt backing. It can be pasted direct to wood subfloors without the use of lining felt and can be removed without damage to the wood subflooring.

Borders and Linostrips—Harmonizing or contrasting colors of plain linoleum or Marbelle linoleum are often used as borders for floors of Straight Line Inlaid. See pages 4 and 8 for suggestions and widths.

Cove Base—See recommendations listed on page 29.

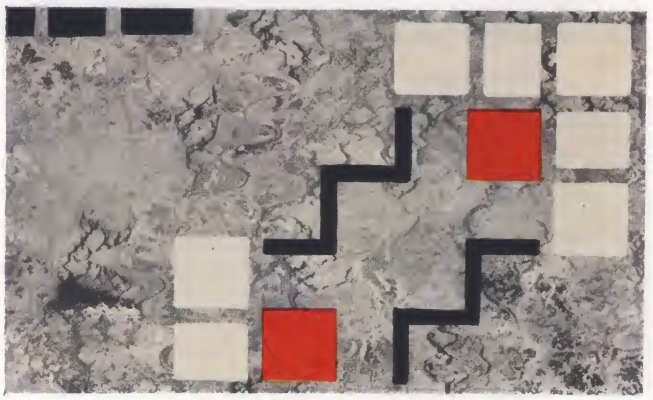
Specifications—See flooring specifications on page 32.



Straight Line Inlaid No. 1687
Standard Gauge—Scale: 3″ = 1′0″

Straight Line Inlaid No. 1786
Standard Gauge—Scale: 3″ = 1′0″

Straight Line Inlaid No. 1661
Standard Gauge—Scale: 3″ = 1′0″



Straight Line Inlaid No. 1650
Standard Gauge—Scale: 3″ = 1′0″

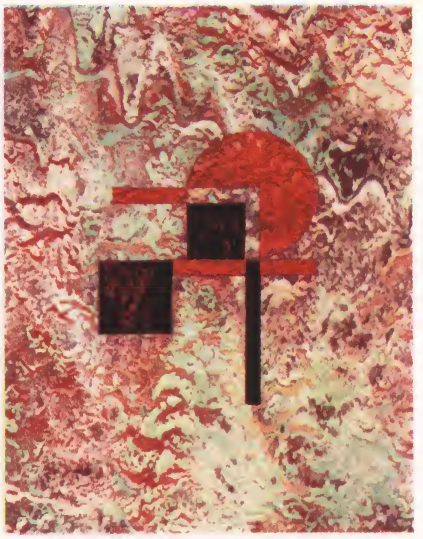
Straight Line Inlaid No. 1688
Standard Gauge—Scale: 3″ = 1′0″

Straight Line Inlaid — Light Gauge

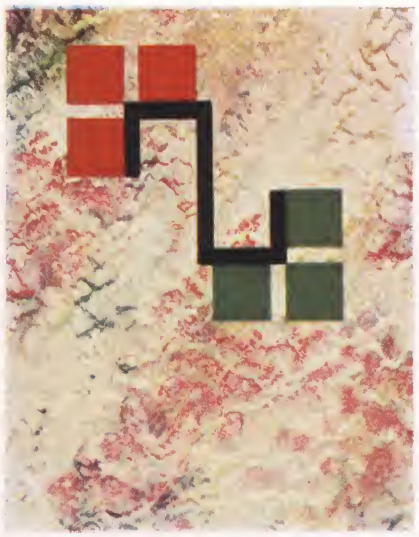
Armstrong's Light Gauge Straight Line Linoleum, like Armstrong's Light Gauge Marbelle Linoleum, is an inexpensive flooring for low-cost housing, rented property, temporary quarters, or other places where an investment in the heavy or standard gauge linoleum might not be justified. Its wearing surface consists of a linoleum-type mix (considerably thinner than that used for Armstrong's Standard Gauge Linoleum) keyed to an asphalt saturated felt backing. Because of its lower cost, this product does not have the extra quality felt backing used in Armstrong's Standard Gauge Linoleum, but over the last fifteen years it has proved highly satisfactory as a low-cost flooring. The overall thickness of light gauge is .070″. Armstrong's Light Gauge Linoleum has a Safety-Back feature which permits installation over wood subfloors without the use of lining felt. It also can be easily removed.

Armstrong's Straight Line Light Gauge Linoleum is available in eight patterns in an assortment of custom design effects and is made in rolls 6′ wide.

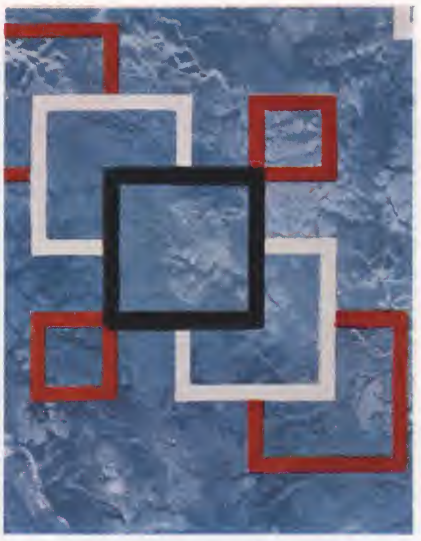
Borders and Linostrips—See pages 4 and 8 for border suggestions.
Cove Base—See recommendations listed on page 29.
Specifications—See flooring specifications listed on page 32.



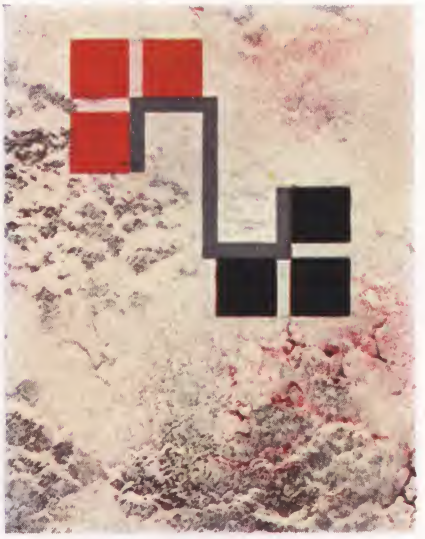
Straight Line Inlaid No. 1813
Light Gauge—Scale: 3″ = 1′0″



Straight Line Inlaid No. 1820
Light Gauge—Scale: 3″ = 1′0″



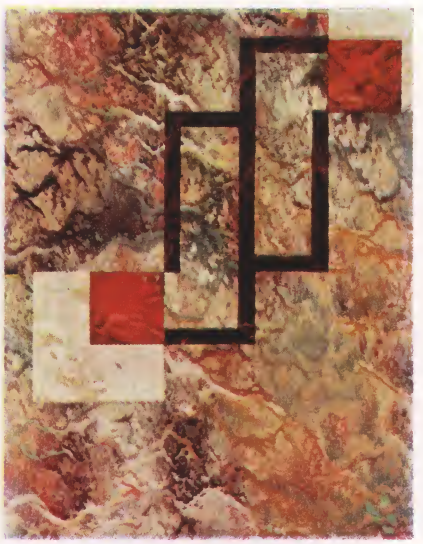
Straight Line Inlaid No. 1831
Light Gauge—Scale: 3″ = 1′0″



Straight Line Inlaid No. 1821
Light Gauge—Scale: 3″ = 1′0″

Straight Line Inlaid No. 1830
Light Gauge—Scale: 3″ = 1′0″

Straight Line Inlaid No. 1810
Light Gauge—Scale: 3″ = 1′0″



Straight Line Inlaid No. 1891
Light Gauge—Scale: 3″ = 1′0″

Embossed Inlaid — Heavy Gauge

Embossed Inlaid Linoleum is an exclusive Armstrong product that has certain portions of the design depressed slightly so that other portions seem to stand out in relief. Another characteristic of Embossed Inlaid Linoleum is the mottled and shaded colors which give the finished linoleum a rich textured appearance and add to its decorative value.

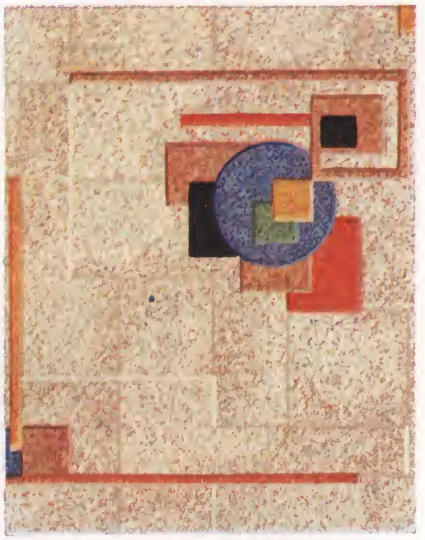
Armstrong's Embossed Line offers a variety of colorful patterns ranging from old-world tile effects to modern, high style decorators' designs. Shaded blocks and variegated backgrounds add realism and depth to patterns and, at the same time, help to camouflage footprints. It has found wide application in professional offices, restaurants, specialty shops, and residences.

Armstrong's Embossed Linoleum is embossed by the "Streamline" process which eliminates sharp edges and deep crevices. "Streamline" embossing prevents dirt from collecting in the depressed sections. It also tends to conceal the irregularities in the subfloor and helps break up high lights that frequently cause a glassy appearance.

Other exclusive Armstrong features are "three-level" and "Multiplane" embossing which makes the raised portions appear to be at different levels. This makes the design more interesting and further breaks up glare. The Heavy Gauge Embossed Line contains 9 patterns and the Standard Gauge Line contains 20 patterns in a wide selection of tile and textured effects. Armstrong's Embossed Inlaid is made in two thicknesses—Heavy ($\frac{1}{8}$″) on burlap backing and Standard ($\frac{3}{32}$″) on Armofelt backing. A representative showing of patterns in each of these gauges appears on this and the following page. For illustrations in color of the complete line of Armstrong's Embossed Inlaid Linoleum, refer to the latest edition of Armstrong's Pattern Book.

Armstrong's Embossed Inlaid Linoleum offers the designer almost unlimited opportunities in the creation of unusual interiors. Colorful random tile effects can be used to add color to "rustic" or "Old World" interiors—the soft textured patterns lend a quiet atmosphere to dignified interiors, and the contemporary patterns give smartness and distinction to the most modern interior designs. These patterns, however, need not be restricted to a particular type of interior. They can be used to add color and smartness to both modern and period interiors.

Embossed Inlaid No. 6260
Heavy Gauge—Scale: 3″ = 1′0″



Embossed Inlaid No. 6392
Heavy Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 6410
Heavy Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 6420
Heavy Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 6310
Heavy Gauge—Scale: 3″ = 1′0″

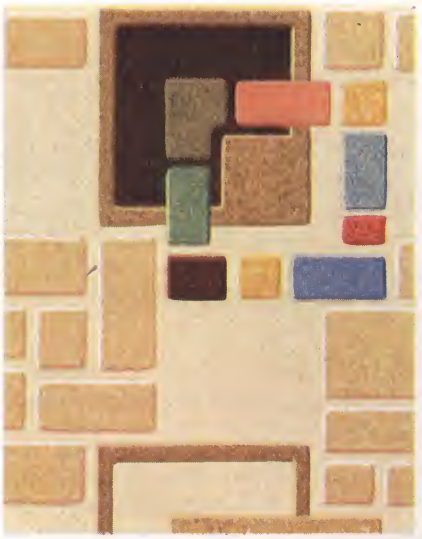
Embossed Inlaid — Standard Gauge

Gauges — Armstrong's Embossed Inlaid Linoleum is available in Heavy (1/8″) Gauge on burlap backing and Standard Gauge (3/32″) on Armofelt backing in rolls 6′ wide. Representative group of Heavy Gauge Embossed patterns shown on page 14—Standard Gauge on this page. See latest Armstrong Pattern Book for complete Embossed Inlaid color line.

Borders—Embossed Inlaid is usually bordered with plain linoleum. See pages 4 and 5 for colors.

Cove Base—See recommendations on page 29.

Specifications—See flooring specifications on page 32.



Embossed Inlaid No. 5360
Standard Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 5370
Standard Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 5792
Standard Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 5801
Standard Gauge—Scale: 3″ = 1′0″

Embossed inlaid No. 5780
Standard Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 5352
Standard Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 5761
Standard Gauge—Scale: 3″ = 1′0″

Embossed Inlaid No. 5400
Standard Gauge—Scale: 3″ = 1′0″

Spatter

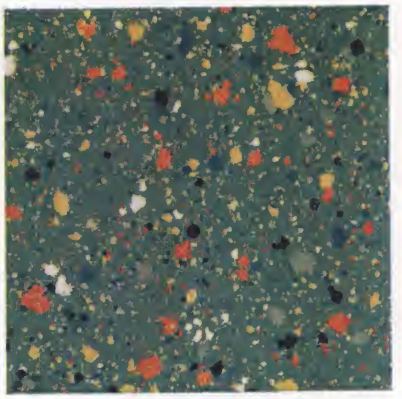
Armstrong's Spatter Linoleum is an entirely new type of linoleum design in the Armstrong Line of Resilient Floors. It has been developed to meet the demand for a modern, practical resilient flooring that has the pleasant atmosphere of colonial decoration.

In appearance, this striking new floor is much like the old-fashioned "spatter-dash" floors, but in Spatter Linoleum the multicolor spot effect goes all the way through to the backing material. This means that the distinctive pattern will not wear off but will last for the life of the linoleum. With its many different colored spots, Spatter Linoleum is adaptable to many different decorative schemes. Ideal for colonial decorations, it also lends itself well to smart, modern residential and commercial interiors.

Spatter Linoleum is made by the molded-inlaid process and is similar to Armstrong's Embossed Inlaid Linoleum, with the exception of the embossing. This step is eliminated, leaving a smooth, polished surface.

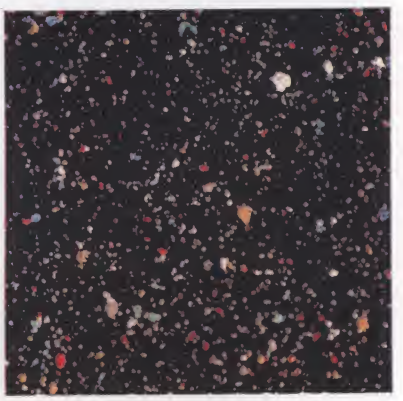
Spatter Linoleum is offered in the four patterns shown on this page. All are available in Standard Gauge only. Its backing is Armstrong's exclusive Armofelt, an extremely flexible material made of fresh fiber felt and impregnated with a clear resin saturant that does not mar light-colored woodwork during installation. Made in rolls 6′ wide.

All the flavor and charm of colonial days is here, yet the floor is up-to-date Armstrong's Spatter Linoleum, Style No. 5000 in the kitchen and style No. 5001 in the dining room.

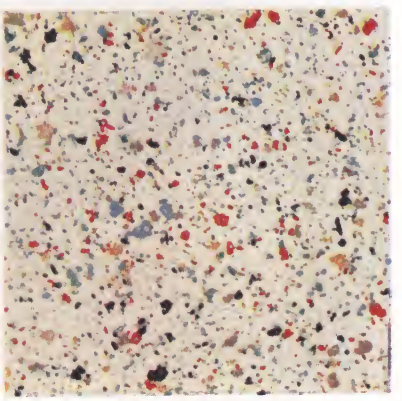


Spatter No. 5003
Standard Gauge Only—Scale: 3″ = 1′0″

Spatter No. 5002
Standard Gauge Only—Scale: 3″ = 1′0″



Spatter No. 5001
Standard Gauge Only—Scale: 3″ = 1′0″



Spatter No. 5000
Standard Gauge Only—Scale: 3″ = 1′0″

Jaspé Linoleum Tile

Armstrong's Jaspé Linoleum Tile is regular Standard Gauge Jaspé Linoleum cut up into squares. It was added to the Armstrong Resilient Flooring Line to meet the requirements of floor designers who wished to create unusual tile effects with this type of linoleum with a minimum of material and labor costs. It is ideal for use in small shops and offices as well as in private homes.

The Armstrong Jaspé Linoleum Tile Color Line consists of the twelve patterns shown below. These patterns were selected for their color harmony, and they can be used singularly or in combination to meet most interior design or color scheme requirements. Clean cut edges and square corners both help to insure beautiful installations. It is made in the 9″ x 9″ tile size only.

Sizes—Armstrong's Jaspé Linoleum Tile is available in 9″ x 9″ squares.

Gauges—Jaspé Linoleum Tile is available in Standard ($\frac{3}{32}$″) Gauge.

Colors—Twelve Jaspé patterns shown here.

Borders—See recommendations on page 6.

Linostrips—See page 4.

Cove Base—See recommendations on page 29.

Specifications—See specifications on page 32.

Installation—The installation of Armstrong's Linoleum Tile follows the same procedure as used in the installation of Armstrong's Linotile or Rubber Tile. It should be noted, however, that a protective layer of lining felt should be laid over wood subfloors before installing linoleum tile. This underlayment is necessary to prevent the expansion and contraction of the floor boards from opening tile joints, since the tile area of the protective felt backing is too small to take up normal floor board movement. Install only over suspended subfloors.

Jaspé Linoleum Tile No. 7
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 10
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 15
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 16
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 1
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 9
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 3
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 6
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 17
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 4
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 5
Scale: 3″ = 1′0″

Jaspé Linoleum Tile No. 18
Scale: 3″ = 1′0″

Armstrong's Linotile

A Resilient Tile Flooring

Linotile, an exclusive Armstrong product, is a linoleum-like resilient tile which is highly resistant to abrasion and indentation. Dense but resilient, it consists of oxidized oil, fillers, and color pigments specially processed to give maximum service. It is made in tile form. Although it is a member of the linoleum family, Linotile should not be confused with linoleum cut up into blocks. It is considered and handled as a tile form flooring material in every step of its manufacture.

Resists Indentation—Linotile resists indentation under loads up to 200 lbs. per sq. in. This is more than twice the indentation resistance of most other resilient floors. It will not splinter, dust, or crumble under heavy loads.

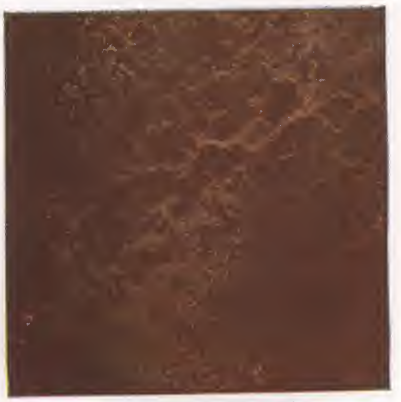
Resilience—Linotile is both quiet and comfortable underfoot. Because it "gives" slightly under impact, footsteps produce little sound on its surface.

Freedom of Design—Since Linotile is custom-cut at the factory for each order, it offers even greater freedom of design than other resilient floors. Each tile is accurately die-cut for clean, square edges. Linotile can also be cut at the factory in curves, circles, and floral effects and symbols. The swirl-grain marbleizing provides a decorative advantage. Colors are permanent.

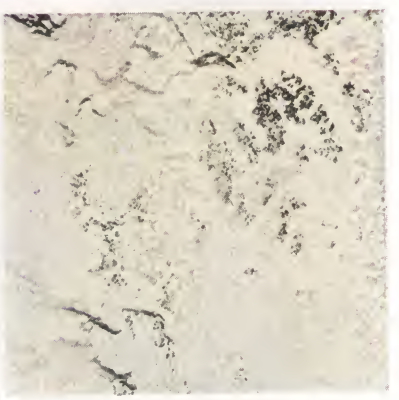
Recommended Uses—Linotile is recommended as a long-wearing flooring for commercial and residential use. It may be installed over all types of suspended subfloors but not over concrete on or below grade.

Standard Sizes—6″ x 6″, 9″ x 9″, 12″ x 12″, and 18″ x 36″.
Special Sizes and Shapes—minimum 3″ x 3″; maximum 36″ x 36″.
Gauge—Linotile is made in 1/8″ gauge only.
Colors—Available in fifteen colors and patterns.
Feature Strips—1″ to 3″ wide, maximum 36″ in length.
Diagonal Half Units—Cut at factory from any regular square unit.
Linotile Beveled Edging—For finishing edges (as a doorway) of resilient floor materials, is available 1″ thick at one edge and tapering to approximately 1/32″ at the other edge. In all marble colors.
Cove Base—See recommendations on page 29.
Specifications—See specifications on page 32.

Sea Green No. 136
Scale: 4″ = 1′0″



Dark Walnut No. 126
Scale: 4″ = 1′0″

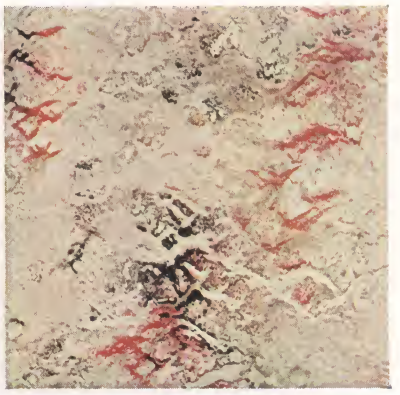


Alabaster No. 111
Scale: 4″ = 1′0″

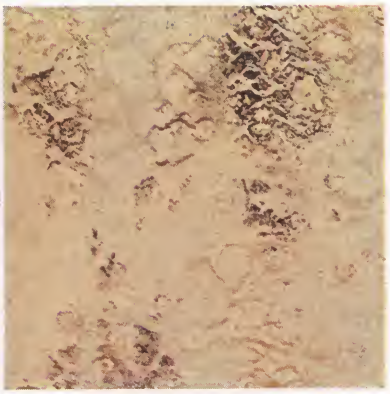
Just one of the many floor designs possible with Armstrong's Linotile. This smart hotel lobby floor is achieved with Jet Black, No. 101, Alabaster, No. 111, and Silver Gray, No. 147.

Imperial Red No. 154
Scale: 4″ = 1′0″

Coral Gray No. 148
Scale: 4″ = 1′0″

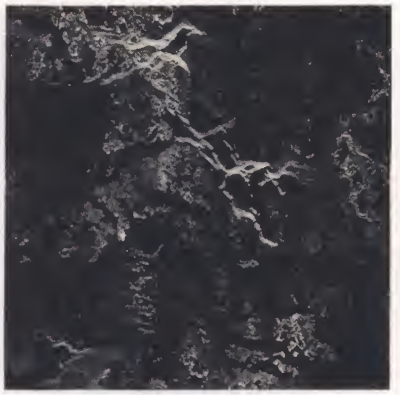


Ruby White No. 157
Scale: 4″ = 1′0″



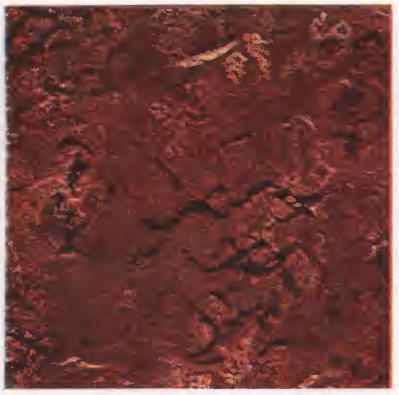
Travertine No. 115
Scale: 4″ = 1′0″

Cobalt Blue No. 164
Scale: 4″ = 1′0″

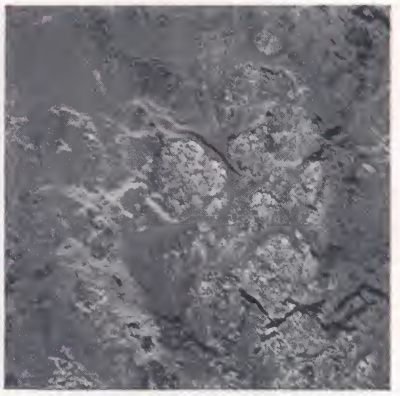


Jet Black No. 101
Scale: 4″ = 1′0″

Yellow No. 143
Scale: 4″ = 1′0″

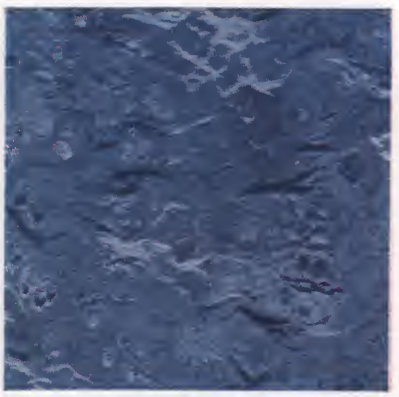


New Sienna No. 151
Scale: 4″ = 1′0″



Silver Gray No. 147
Scale: 4″ = 1′0″

Marine Green No. 133
Scale: 4″ = 1′0″



Caribbean Blue No. 163
Scale: 4″ = 1′0″

Light Walnut No. 125
Scale: 4″ = 1′0″

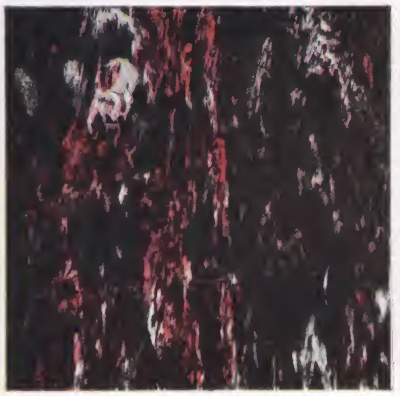
Armstrong's Rubber Tile

Armstrong's Rubber Tile is made of high grade rubber. It has high resistance to indentation—up to 200 lbs. per sq. in. It has unusually high tensile strength—gives added stability—prevents over-expansion or contraction. The glossy sheen is due to the vulcanizing process during manufacture which fuses the rubber particles and compounds. Its wide range of colors and delicate graining permits unusual freedom in design and color harmony. Practically any design can be cut to order.

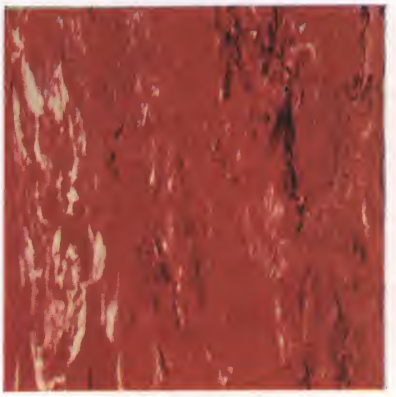
Quiet and comfortable underfoot, Armstrong's Rubber Tile is ideal for hospitals, schools, and public buildings. It can be installed over any suspended subfloor. It should not be used over on grade or below grade subfloors.

Colors—21 colors, shown on these pages.
Gauges—Made in $\frac{1}{8}$″ and $\frac{3}{16}$″ gauges.
Sizes—6″ x 6″, 9″ x 9″, 12″ x 12″ squares and 18″ x 36″ oblongs.
Half Tiles—cut diagonally from squares.
Feature Strips—from 1″ to 3″ wide, up to 36″ long in all available colors.
Specials—Irregular shapes with curved or straight edges and units with cut corners can be supplied on order.
Cove Base (Rubber)—See page 29.

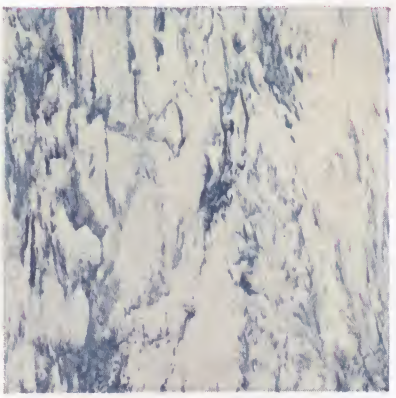
Ruby Red White No. 665
Scale: 4″ = 1′0″



Black Ruby Red No. 666
Scale: 4″ = 1′0″

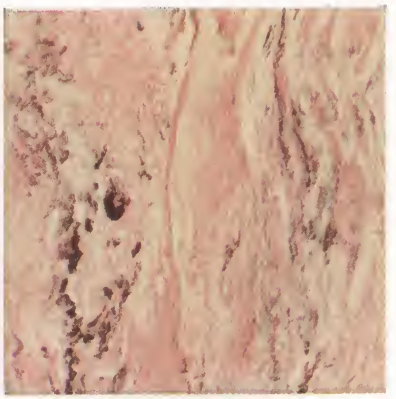


Spanish Red Paisley No. 668
Scale: 4″ = 1′0″

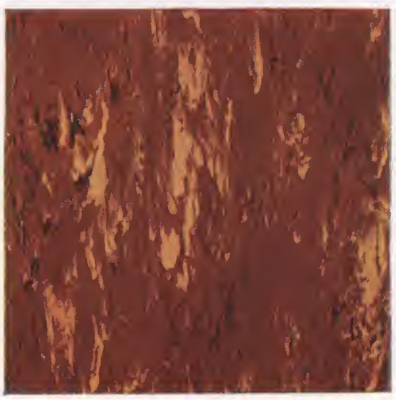


White True Blue No. 674
Scale: 4″ = 1′0″

True Blue White No. 676
Scale: 4″ = 1′0″



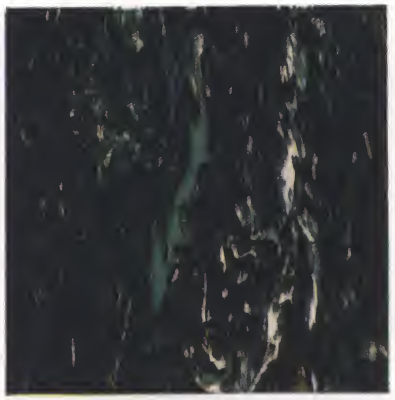
Pink Tennessee No. 680
Scale: 4″ = 1′0″



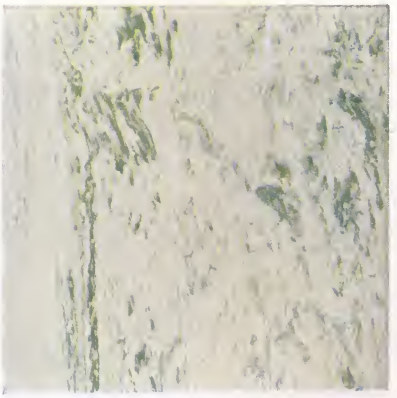
Red Gold Paisley No. 688
Scale: 4″ = 1′0″

Walnut Paisley No. 690
Scale: 4″ = 1′0″

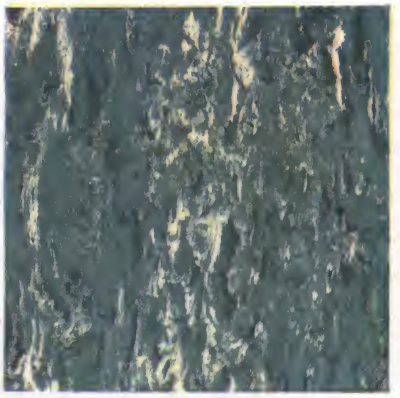
Plain Black No. 695
Scale: 4″ = 1′0″



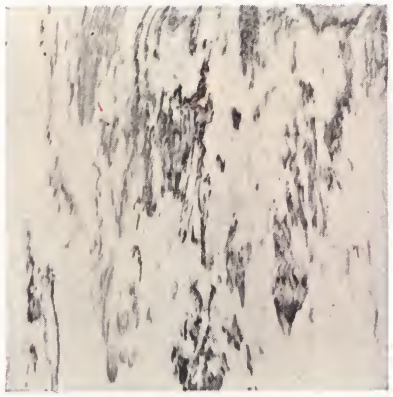
Verde Antique No. 650
Scale: 4″ = 1′0″



White Jade Green No. 651
Scale: 4″ = 1′0″

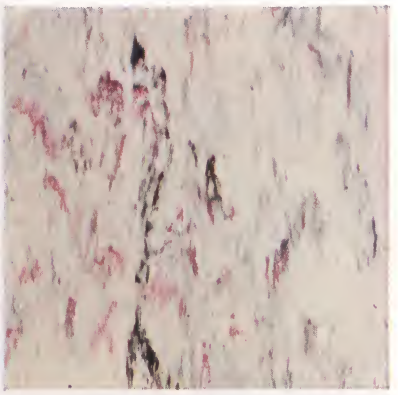


Jade Green White No. 652
Scale: 4″ = 1′0″



White Black No. 653
Scale: 4″ = 1′0″

Silver Gray No. 656
Scale: 4″ = 1′0″

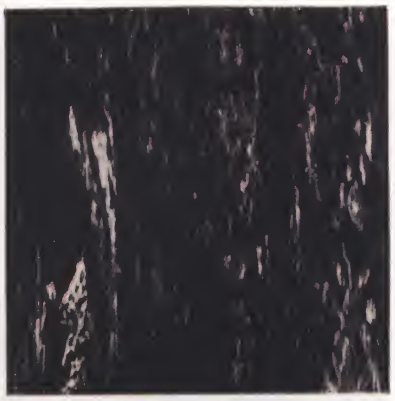


White Ruby Red No. 664
Scale: 4″ = 1′0″

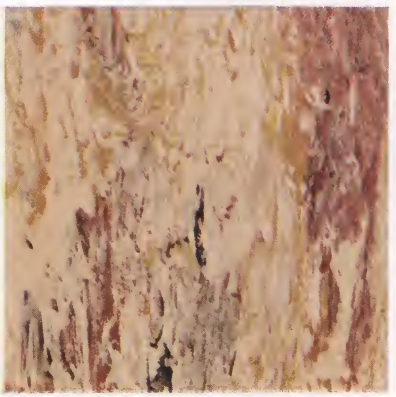
Ecrulette No. 609
Scale: 4″ = 1′0″

Coralette No. 611
Scale: 4″ = 1′0″

Canary Yellow No. 612
Scale: 4″ = 1′0″



Black White No. 613
Scale: 4″ = 1′0″



Escalette No. 620
Scale: 4″ = 1′0″

Napoleon Gray No. 625
Scale: 4″ = 1′0″

Armstrong's Arlon Tile

A Plastic Asphalt Flooring

Armstrong's new Arlon, a resilient, plastic asphalt tile offers an entirely different concept in coloring and marbleizing. Completely monochromatic, each style combines one smart color with lighter and darker marbleizing of the same hue, creating a luxurious effect. It is highly resistant to alkaline moisture, oils, and greases. It may be used over all types of subfloors including on and below grade concrete. Arlon Tile is made in 11 colors in 9″ x 9″ tile, 1/8″ and 3/16″ gauges.

Regimental Blue No. AR-382

Briar Brown No. AR-384

Oxheart Red No. AR-390

Nougat White No. AR-380

Arizona Tan No. AR-383

Honey Yellow No. AR-389

Mineral Gray No. AR-381

Mulberry Rose No. AR-386

Buckskin Taupe No. AR-387

Coral Beige No. AR-385

Polo Green No. AR-388

Armstrong's Asphalt Tile

Standard and Greaseproof

Asphalt Tile is an alkaline-resistant, economical flooring material for use on any type of subfloor, including concrete in contact with the ground. (It should not be installed on subfloors that are subject to hydrostatic pressure.) It is made of high-quality asbestos fiber, mineral pigments, and asphaltic or resinous binders. Even under severe conditions, it resists abrasion and shock, does not disintegrate or crumble. Armstrong's Asphalt Tile is made in five types—Standard, Greaseproof, Industrial, Conductive, and Greaseproof Conductive.

Feature Strips—These are narrow bands of asphalt tile used for decorative purposes. They are supplied in 1″, 2″, and 3″ widths; 1/8″ and 3/16″ gauges. Feature strip colors are indicated with (†).

Sizes—9″ x 9″ in all colors; 18″ x 24″ in A-200, A-210, B-305, B-318, C-205, B-335, B-336, B-350, and G2-305 colors.

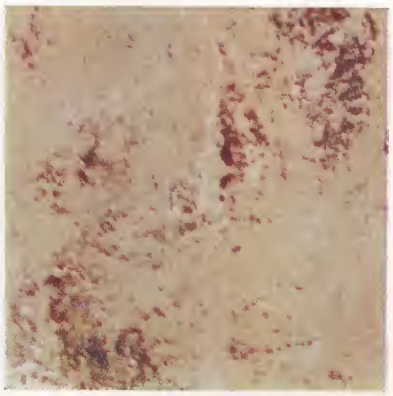
Gauges—1/8″ and 3/16″.

Colors—19 marbleized (with non-directional swirl graining), 3 plain; all alkaliproof.

Asphalt Beveled Edging—Finishing for edges of asphalt tile floors at doorways. Available in Black, 1/8″ and 3/16″ gauges, 1″ wide by 36″ long.

Cove Base (Asphalt)—See page 29.

Specifications—See flooring—page 32.



Palomino Beige No. C-326

†Yellow No. D-246

Cameo Gray No. C-361

†White No. D-270

†Garnet No. D-275

Durable and easy to maintain, Armstrong's Asphalt Tile makes a most practical business floor. In this lobby, Tennessee Marble, No. D-342, and Cinnabar Marble, No. C-324, are combined to form an attractive custom design in a background of Cedar Marble, No. B-318.

Armstrong's Asphalt Tile

Standard and Greaseproof

Armstrong's Standard Asphalt Tile is recommended for general use in most buildings. It is manufactured in 9″ x 9″ size in two gauges—1/8″ and 3/16″. Three plain and 21 marbleized patterns are available. The eight patterns marked with an asterisk (*) are also made in 18″ x 24″ tiles for border use.

All the colors in the Armstrong Asphalt Tile Line are harmonized so that any pattern will make a pleasing combination with any other pattern. An additional decorative advantage is provided in the marbleized patterns by Armstrong's exclusive nondirectional swirl graining.

Armstrong's Greaseproof Asphalt Tile is made especially to resist the action of grease, oils, and fats which are harmful to Standard Asphalt Tile. It is recommended for use in kitchens, restaurants, filling station waiting rooms, and other areas where oil and grease may come in contact with the floor.

Greaseproof Asphalt Tile is supplied in colors D-300, B-305, C-317, B-318, C-324, C-325, and C-346 in 1/8″ and 3/16″ gauges.

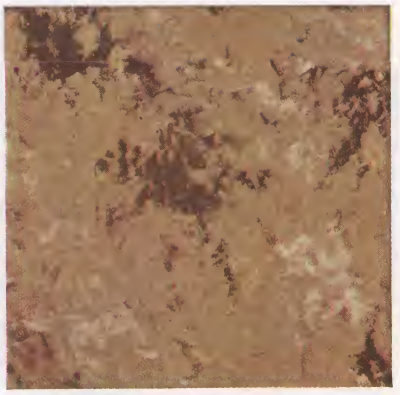
*Cedar Marble No. B-318
Cedar Marble No. G2-318

Cinnabar Marble No. C-324
Cinnabar Marble No. G2-324

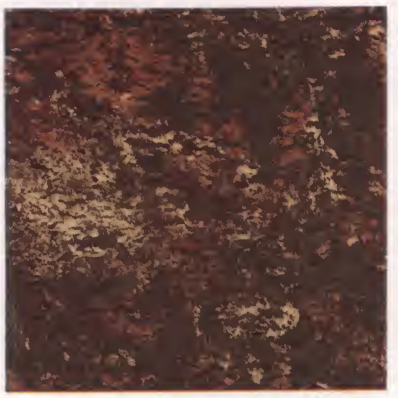
Ivory Marble No. D-300
Ivory Marble No. G2-300

*Ebony Marble No. B-305
Ebony Marble No. G2-305

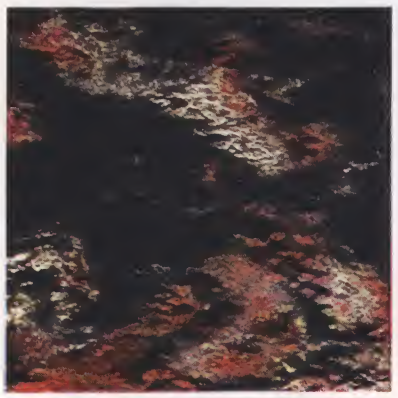
Emerald Green Marble No. C-317
Emerald Green Marble No. G2-317



Tan Marble No. C-325
Tan Marble No. G2-325

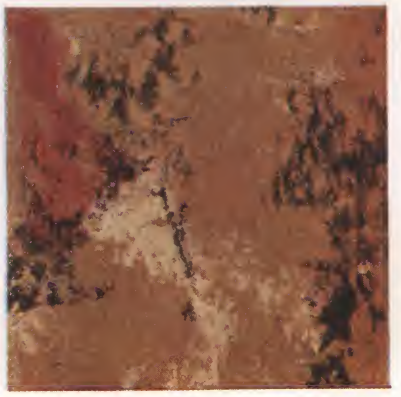


*Cordovan Marble No. B-350

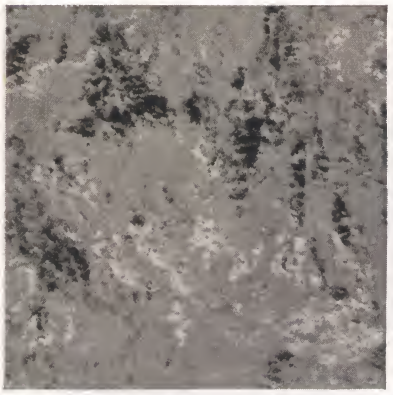


*Agate Marble No. B-336

*Spanish Red No. C-205



Clay Brown Marble No. C-330



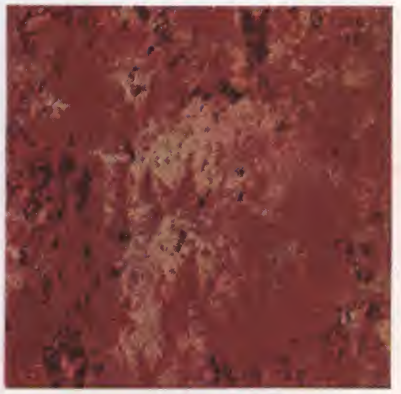
Pearl Gray Marble No. C-346
Pearl Gray Marble No. G2-346

Surf Green Marble No. C-312

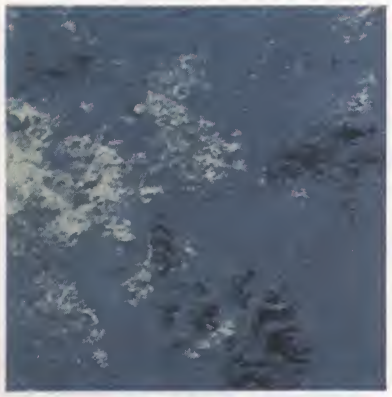
*Antique Green Marble No. B-335

*Black No. A-210

Tennessee Marble No. D-342

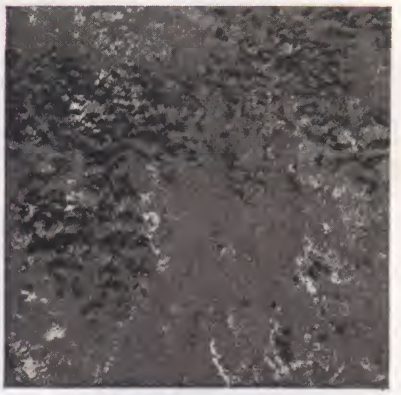


Florentine Marble No. C-322



Bermuda Blue Marble No. D-354

Tokay Marble No. B-319



Dove Gray Marble No. C-348

*Pompeian Red No. A-200

Midnight Blue Marble No. B-358

Italian Red Marble No. D-365

Insets

Trade-marks and symbols can be easily designed in keeping with the over-all asphalt tile floor design. Here the specially designed prescription symbol in Garnet No. D-275 gives additional color to the attractive floor. The field is Ivory No. D-300 accented with color bands of Bermuda Blue No. D-354 and Black No. A-210.

Custom-Designed Insets. Special custom designs can be factory-cut to meet any specifications. A photograph or sketch, drawn to scale, should be furnished.

Armstrong's Standard Hand-cut Insets. Certain well-known trade-marks and fraternal order insignia are ordered so frequently that Armstrong has adopted standard sizes and procedures for handling them. Since these insets are made to order, it is possible to select individual color combinations at no extra cost. Additional information may be had from any Armstrong office.

Inset Characters. The letters of the alphabet, numerals, punctuation marks, and traffic directors are available in inset form. Each letter, numeral, and character has been designed for proper letter spacing without crowding or gaps. Directional lines can be installed with or without arrow pointers and can be used to turn corners as well as to form straight lines.

Armstrong's Asphalt Tile Die-Cut Insets add individuality to asphalt tile floors at a fraction of the cost of custom-cut designs. They are made in 18″x18″ size and are available in $\frac{1}{8}$″ or $\frac{3}{16}$″ gauges. A representative group of a variety of subjects is shown here. Die-cut insets are made in standard color combinations (for complete color line, see latest Armstrong Pattern Book—Asphalt Tile section); however, they may be made in any other selection of asphalt colors at a slightly higher cost.

A representative group of Armstrong's Asphalt Tile Character Insets is shown below. They vary in width from 3″ to 9″ for best appearance when combined into words. All characters are 9″ high. Since inset characters are die-cut to order, they are available in any combination of colors. Plain or marbleized backgrounds may be used to offset the characters.

Compass No. 502

Horse No. 513

Champagne No. 514

Top Hat No. 515

Sailboat No. 516

Sunburst No. 506

Industrial Asphalt Tile

Armstrong's Industrial Asphalt Tile consists of a high-melting point asphalt reinforced with tough fibers, supplied in tile form for easy, fast installation. A prefabricated material, it can be put into service immediately. It has a high resistance to indentation and will not break or crumble under heavy loads. It is odorless, non-dusting, and non-sparking. Armstrong's Industrial Asphalt Tile is resilient and comfortable underfoot. It has a matt finish which prevents glare. No open flames are required during installation or repair. Other features are:

Fast Trucking—Smooth, resilient surface speeds trucking, lessens damaging vibration. When left unwaxed, the surface of this flooring is nonslip.

Light Weight—Armstrong's Industrial Asphalt Tile adds little to floor loads. The 1/8" gauge weighs approximately 0.90 pound per sq. ft.; the 3/16" gauge, 1.35 pounds per sq. ft.

Verminproof—Does not attract or sustain vermin.

Low First Cost—Armstrong's Industrial Asphalt Tile is low in first cost, and it can be applied, without expensive preparation, to any smooth suspended or on-grade subfloor. It should not be installed on below-grade subfloors in direct contact with the ground.

Low-Cost Maintenance—Sweeping and occasional washing are all the care needed. Accurate factory cutting makes tight joints which heal together under traffic forming a smooth, continuous surface.

Colors—No. IN-210 Black only.

Sizes—18" x 24" in 1/8" and 3/16" gauges.

Specifications—See flooring specifications on page 32.

This Mail Department is typical of the many industrial areas that require floors which will take the punishment of rolling loads and at the same time be comfortable underfoot. Armstrong's Industrial Asphalt Tile fills both requirements. It is easily maintained.

CONDUCTIVE AND GREASEPROOF CONDUCTIVE ASPHALT TILE

Armstrong's Conductive Asphalt Tile possesses the serviceable features of industrial asphalt tile with the additional advantage of high conductivity of static electricity. It can be installed on any smooth subfloor not in direct contact with the ground below grade. Greaseproof conductive asphalt tile has the added feature of resistance to grease and oil.

A floor or wall of this material has a resistance to static electricity of less than .1 megohm under government test conditions. It is especially suitable for hospital operating rooms, powder plants, and various manufacturing areas where the accumulation of static electricity presents an explosion hazard.

Sizes and Colors—18" x 24" tiles, 1/8" and 3/16" gauges—black only.

Specifications—Complete data and installation details available from all Armstrong offices.

Armstrong's Flormastic

Brief Specifications

Furnish and install Flormastic Floor Fill in accordance with the latest edition of Armstrong's Flormastic Specifications, by a qualified Armstrong flooring contractor whose bid shall include all labor and material required.

Complete specifications are available upon request.

Armstrong's Flormastic is an emulsion of asphalt in water and when mixed with the proper amounts of Lumnite or anti-acid cement, sand, and water is suitable for the construction of industrial cold mastic floors and underlayments or for patching concrete floors. The asphalt in Flormastic has a relatively high melting point. Flormastic provides good coating of the aggregate and uniform distribution of the asphalt mixture.

Industrial cold mastic floors made with Flormastic are practical, over any type of rigid sub-construction, for loading platforms, warehouse floors, trucking aisle ways, or factory areas. However, Flormastic-type floors should not be installed where they will be exposed to excessive oil and grease or continuous wetting, or in dairies and other places where they would normally come in frequent contact with either organic or inorganic acids.

Armstrong's Cork Tile

Beveled and Straight-Edged

Armstrong's Cork Tile is now offered in three gauges—1/4", 5/16", and 1/2" and is manufactured in the popular decorative light shade only.

Improved Quality—The resilience and strength of Armstrong's Cork Tile has been greatly increased. Recently the Armstrong Research Laboratories have developed synthetic resins which eliminate the necessity of baking the cork tile in extremely high temperatures. Since the tile can now be processed at less than half the temperature required by the old method, most of the original strength of the cork particles is retained. These new resins also have a greater bonding power, give added strength to the tile, and permit the manufacture of the more economical 1/4" gauge which has just been added to the line.

Greater Beauty—The light shading of Armstrong's Cork Tile is further enhanced by the variation of light and dark cork particles through the tile. This new shading meets the requirements of today's decorating trends and blends well with conservative and advanced modern as well as traditional interior decoration.

New Factory Finish—Armstrong's Beveled Edge Cork Tile has an improved factory finished surface which eliminates finishing after installation. This factory finish eliminates the need of special liquid waxes. It can be maintained with any good water soluble wax, such as Armstrong's Linogloss.

Armstrong's Cork Tile is an ideal flooring for interiors where quiet, comfort, and dignity are of first importance. It is particularly suited for libraries, court rooms, reception rooms, and other rooms where a quiet, dignified atmosphere is desired. It is also widely recommended for richly appointed clubrooms and residences.

The natural resilience of cork cushions every step. This not only reduces noise, but makes the floor unusually comfortable underfoot. Armstrong's Cork Tile will not "dust" or crumble. It is long wearing and also has exceptional nonslip qualities.

Armstrong's Cork Tile can be installed over any type of suspended subfloor—wood, metal, concrete, or terrazzo. It should not, however, be installed over concrete subfloors in direct contact with the ground. Cork tile can also be used as a decorative wall covering.

Armstrong's Cork Tile—Light

Beveled or Standard (straight-edged) units can be supplied.

Beveled Cork Tile is factory finished. It does not need to be sanded after installation since it tends to conceal floor irregularities. It is also used on walls where sanding is difficult or impractical.

Standard Cork Tile usually requires sanding to offset unevenness of the subfloor.

Color—Light shade only.

Standard Sizes—6"x6", 9"x9", and 12"x12".

Special Sizes—Any shape up to 24" x 48".

Specifications—See page 32.

Linoleum Sink Tops

Description—Linoleum forms an attractive surface for sink tops, counters, tables, and cabinets. Because it is resilient, it quiets clatter and helps reduce dish breakage.

On sinks or other areas where water is spilled or splashed, the success of the installation depends almost entirely upon the quality of workmanship in making the seams and edges tight and waterproof. Due to the fact that there are so many types of sink pans and metal or plastic edgings available and that there are various systems of construction, Armstrong has not developed a specification for this type of work. In the case of many sink-top installations, it is also desirable to flash the linoleum up to the wall to form a splashback. There are various ways of finishing off a linoleum splashback, and these are described in the specifications of the manufacturers who supply the metal or plastic parts used in this type of sink-top construction.

Also, the manufacturers of these parts can usually furnish drawings showing the construction of sink tops and the method of application of the trim they recommend. The names of such firms will be furnished upon request or may be found in other sections of Sweet's.

Where the linoleum is to be flashed up the wall, essentially the same construction as is employed for Armstrong's Flash Type Cove Base may be used. That is, the wax fillet strip is used at the junction of the sink and wall, and the metal or plastic binding strip, end stops, and corner pieces are used as required.

In general, the use of Armstrong's No. S-290 Cement or equivalent and Armstrong's Lining Felt is desirable.

With proper care, Linotile is used successfully for work surfaces, usually over a 5-ply plywood, with metal or plastic edgings or wood aprons.

Top-Set and Flash Type

Top-Set Asphalt Cove Base—This base, also known as "compression type," is usable with all types of resilient floors. It is molded from the same ingredients that compose asphalt tile, but the Armstrong formulation has been altered slightly to give flexibility for easy installation.

Top-Set Asphalt Cove Base is unusually practical and versatile. Being thermoplastic, it can easily be fitted around sharp inside and outside corners by heating the base on the job. Round corners and sweeping curved surfaces present no fitting problem.

Top-Set Asphalt Cove Base is made in two heights, 4″ and 6″ in 36″ sections. It is available in 9 colors, Black, Havana Red, Ebony Marble, Cedar Marble, Antique Green Marble, Azure Blue, Saddle Tan, Light Green, and Garnet. Installation details for top-set cove base are given in the drawing in the center of the page and also in the photograph below.

Armstrong's Top-Set Asphalt Cove Base is available with "stops" preformed to one end of a 3′ section for use where base cannot be butted against door trim.

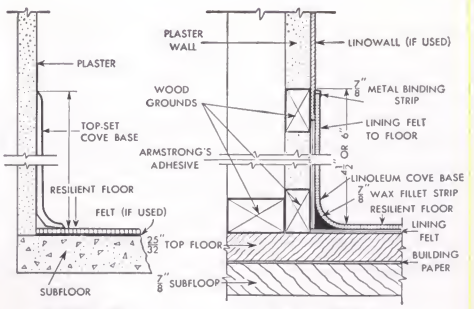
Inside corners are formed by heating and cutting a notch from the flange and fitting the base to the corner. Outside corners can also be fitted and formed in a single piece without seams by heating base and forming it to corner.

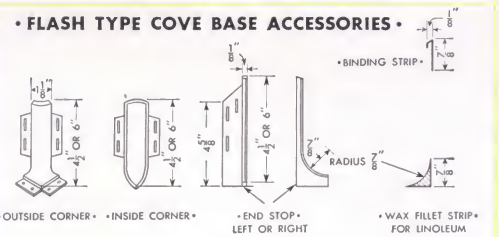
Flash Type Cove Base—This type of cove base is the standard for linoleum installations. The base is formed by coving the linoleum from the floor over a 7/8″ wax fillet strip and up the wall, terminating in a metal binding strip. The linoleum is held in place by the adhesive and the mechanical grip of the metal binding strip which is nailed to the wall.

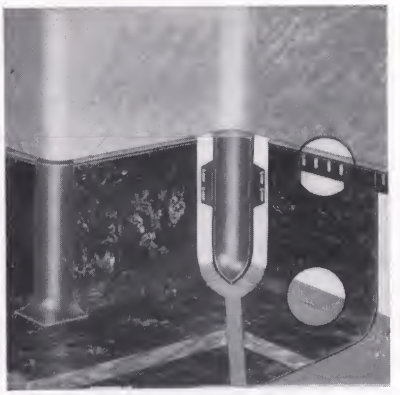
Flash type cove base is carried around square inside and outside corners by scribing and fitting to inside and outside corner pieces. Inside corners, however, can be fitted by cutting alone, although it is usually desirable to have uniformity of fittings for both inside and outside corners. Installation details for flash type cove base are given in the drawings in the center of the page and the photograph below.

Flash type cove base may be used over concrete, plaster, wood, or plaster board walls. Plaster walls should be sound and not springy. Concrete walls should be equipped with a wood ground or wood plugs uniformly spaced for nailing binding strip.

COVE BASE DETAILS







Metal inside and outside corner pieces, for linoleum flash type coving are illustrated in this cutaway view. The wax fillet strip supports the material at the point of the curvature. Adhesive and the binding strip hold it in place.

Armstrong's Top-Set Rubber Cove Base is used to provide a handsome neat-looking trim around the edge of the room where the floor meets the walls. It is made of the same high-quality rubber used in the manufacture of Armstrong's Rubber Tile flooring. It has a lustrous sheen, equal to that of the Rubber Tile, which enhances the over-all beauty of the flooring installation. When cemented against the wall, the featheredge of Armstrong's Top-Set Rubber Cove Base fits snugly to the wall and to the top of the flooring. Its use eliminates dirt-catching joints and corners, making cleaning a great deal easier. Internal corners, and end pieces are molded to straight sections. External corners are supplied separately. Armstrong's Top-Set Rubber Cove Base is available in black in 4″ and 6″ heights.

Armstrong's Top-Set Rubber Cove Base is easily and quickly installed. It is installed cold since the preformed corners and end stops eliminate the need of heating and forming the base to the corners. It can be used in conjunction with any type resilient flooring installation. Armstrong's Top-Set Rubber Cove Base is tough, yet pliable and can easily be cut with a linoleum knife. It is applied to the wall with Armstrong's No. S-214 Waterproof Cement.

Extremely flexible, Armstrong's Top-Set Rubber Cove Base can be installed around serpentine curves without heating. Preformed corners and end stops help simplify and speed installation.

Characteristics

THERMAL CONDUCTIVITY OF RESILIENT FLOORS

With the increased popularity of radiant heating, the thermal conductivity of a flooring material is often a factor in the final selection of the finished flooring. The thermal conductivity or the "K-90" factor of Armstrong's Resilient Floors as well as other floors is given below.

THERMAL CONDUCTIVITY

Resilient Flooring Materials	BTU/hr./sq.ft./°F./1"	K-90 Thickness
Cork Tile		0.45
Linoleum, plain white		1.7
Linoleum, plain black		1.2
Linotile, white		2.1
Linotile, black		1.2
Asphalt Tile		3.1
Rubber Tile		5.3
Other flooring materials		
Hardwood, oak		1.2
Hardwood, maple		1.1
Marble, various shades and grades		5.1–23.8
Concrete, various mixes		11.4–16.4

Since resilient floorings are generally used in the manufactured thickness only, the conductance is the real value desired for any calculation of heat flow. To obtain the conductance value simply divide the thermal conductivity by the thickness of the material. For example, white Linotile of .125 thickness with a "K-90" factor of 2.1 BTU's, will conduct 16 BTU's/hour/square foot/degree F.

For exacting calculations, it should be kept in mind that the thermal conductivity of flooring materials will vary somewhat according to type, color, and the method of application of the material to the floor. In any case where the thermal conductivity of a flooring material is of special importance to an installation, it is suggested that a thermal conductivity test be made on a panel simulating the actual construction. However, for radiant heating estimation purposes, it is safe to assume that the temperature difference between the surface of the subfloor and the surface of the resilient floor (except Cork Tile) will be about 1.5° to 2°.

All Armstrong Resilient Floors may be installed over radiant heated subfloors. It is recommended that the floor heat should not exceed 85° F.

MAXIMUM STATIC LOAD LIMITS FOR ARMSTRONG'S RESILIENT FLOORS

Group	Type of Flooring	Load Limit Lbs. per Sq. Inch
A	Asphalt Tile	25
B	Cork Tile	40
C	Linoleum	75
D	Linotile and Rubber Tile	200

The table above indicates the maximum safe load limit on Armstrong's Resilient Floors before the material becomes slightly indented. These figures are the results of indentation tests conducted by the Armstrong's Research Laboratories and are used as a basis for computing the area of bearing surface of Armstrong's Furniture Rests. These Furniture Rests and Cups are recommended to eliminate excessive indentation in resilient flooring caused by heavy static loads. For selection of furniture rests refer to Flooring Specifications, page 35.

SOUND DEADENING QUALITIES OF FLOORING MATERIALS

Since the character of impact noise on floors depends largely upon the type of flooring material used, the manner of its installation and the acoustical qualities of the interior, it is difficult to prepare a table showing the relative intensities of sound by impact. However, some tests have been conducted and the results show that all types of resilient floors rate well as sound deadeners.

In these tests, hardwood was used as a basis of comparison since it is one of the most common flooring materials. The sound reflections cast from other flooring materials were compared with those cast from hardwood under similar conditions and the results show that the floors rate in the order listed below, with hardwood giving the greatest sound reflection and cork tile the least.

Non-resilient floorings	*Resilient floorings*
1. Hardwood	6. Asphalt Tile
2. Travertine	7. Linoleum
3. Marble	8. Linotile
4. Quarry Tile	9. Rubber Tile
5. Cement	10. Cork Tile

For practical purposes, it may be assumed that any Armstrong Resilient Floor will add to the quietness of the interior. However, should the architect have a project where impact sound is an important factor in floor selection, he may obtain information and unbiased recommendations by writing Armstrong Cork Company, Floor Division, Lancaster, Pa., stating the problem.

LIGHT REFLECTANCE VALUES OF RESILIENT FLOORS

Light reflectance is a measure of the percent of light reflected as compared to a pure white light having a reflectance of 100%. To obtain the light reflectance value of an Armstrong's Resilient Flooring, the sample is illuminated at an angle of 45° while the reflected light is measured perpendicular to it. In this way, effects of gloss are eliminated.

In the table on the opposite page flooring materials have been catalogued according to their light reflectance values and are grouped in graduated scales. For example, all resilient floorings having light reflectance value from 10% to 15% are listed in the 10% to 15% scale while those reflecting between 15% and 20% light are listed in the 15% to 20% groupings. These values can be used for all practical purposes in calculating reflectance values of specific Armstrong Floors. However, for exacting requirements, the architect can obtain a precise value of any or all Armstrong Resilient Floors by writing to Armstrong Cork Company, Lancaster, Pa.

Light Reflectance Values

Light Reflectance in %	LINOLEUM					RESILIENT TILES				
	Plain Pattern No.	Jaspé Pattern No.	Marbelle Pattern No.	Straight Line Pattern No.	Embossed Pattern No.	Asphalt Tile Pattern No.	Linotile Pattern No.	Rubber Tile Pattern No.	Arlon Tile Pattern No.	Spatter Linoleum
55 to 50	23		015							
50 to 45	48		030 028 09	1687				609 653		5000
45 to 40		10 3	032 031 016	1821 1630 1688 1651			143	674 651 680 620	AR-380	
40 to 35	33		020 04 019	1820 1810 1890	6392 6393	D-270 D-300	111 157	664 612	AR-389	
35 to 30		15	034		5780 5760 5330		115			
30 to 25	45 44	5 7	014 018 036	1813 1891 1786	5761	D-342 D-246		611	AR-385	
25 to 20	24 49 38	9	038 012 08	1601 1650	5791	C-325	148	656	AR-387 AR-383 AR-381	
20 to 15	28 41 26 37	4 13 6 16	035 023 02	1831	5790 5781 5331	C-346 C-330 C-312	136 147	625 676		5003
15 to 10	42 34 22 43 39 60	1 19 12 14	037 07 033 013		5352 6310 6411	C-348 C-317 C-324 C-205 D-354 D-365	163 125	652 668 688	AR-382 AR-388	5002
10 to 05	25 40 46 47 20	18 11	017 027 03	1830	6420 5400 6260 6271 6410	C-322 D-275 A-200 B-336 B-350 B-305 B-319 B-318 B-335	164 154 133 126 151	665 650 690	AR-386	
05 to 00	29 30 27 21	8 17	039 021		6421	A-210 B-358	101	613 695 666	AR-390 AR-384	5001

Note—Armstrong's Cork Tile is made in one shade (light) only. It has a light reflectivity value range of 20% to 25%.

ABRIDGED SPECIFICATIONS FOR RESILIENT FLOORING

THESE SPECIFICATIONS COVER INSTALLATIONS OF

Arlon Tile—Asphalt Tile—Greaseproof Asphalt Tile—Linotile—Rubber Tile—Linoleum—Linoleum Tile—Cork Tile—Industrial Asphalt Tile—Conductive and Greaseproof Conductive Asphalt Tile

Monowall. . page 42 Veos Wall Tile. . page 43 Linowall. . page 42

Complete Unabridged Installation Specifications for any Armstrong Floor or Wall Material may be had upon request from any Armstrong office.

How to Use—In the following specifications, items have been grouped by trades. Essential matter is presented as prewritten specification clauses in Roman type. Matter in italics is explanatory or indicates where the architect must fill in dimensions, brand names, etc.

To form a complete specification, simply copy all paragraphs except those not pertinent to the job in hand. Complete specifications for each type of resilient flooring are available upon request.

In certain cases, especially in remodeling, certain details herein delegated to related trades may better be assigned to the resilient flooring contractor; for example, the leveling or renailing of wooden subfloors.

Caution—Armstrong's Linotile, Rubber Tile, and Linoleum should not be installed on any floor in direct contact with the ground. Armstrong's Arlon Tile, Asphalt Tile, and Greaseproof Asphalt Tile are recommended for installation on subfloors on or below grade. Industrial asphalt tile and conductive asphalt tile may be installed over concrete subfloors in direct contact with the ground, on grade but not below grade.

BRIEF SPECIFICATION

Furnish and install Armstrong's Resilient Floors in the types, gauges, colors, sizes, and designs as herein specified on areas listed below or where shown on drawings. (*List areas here.*) All products covered by these specifications are to be installed in accordance with the latest edition of Armstrong's standard specifications by a qualified Armstrong flooring contractor whose bid shall include all the labor and materials required.

COMPLETE SPECIFICATION

A. SPECIFICATIONS FOR FLOORING CONTRACTOR

SCOPE

The General Conditions of the Contract are a part of these specifications.

1. Work Included

This contractor shall furnish all labor and materials required to complete all the resilient flooring and cove base work shown on the drawings, or herein specified, as follows:

a. Linoleum, Linotile, Arlon Tile, Asphalt Tile, Rubber Tile, and Cork Tile floors, Flash Type Cove Base and/or Top-Set Asphalt or Rubber Cove Base
   (1) on the areas listed below, or
   (2) where shown on drawings.

b. Lining felt.

c. Cleaning, waxing, and polishing of all work installed under this section of the specification.

d. (*number*) samples, 6″ x 6″ or larger, of each color and type of resilient floor and base.

e. Shop drawings of designs of custom floors.

f. Guarantee

g. Underlayment (*include when specifying asphalt mastic floor fill or when any underlayment is to be installed by the flooring contractor*).

2. Work Excluded

(Items which could be considered as part of this section, but which are included in the specifications for other trades.)

a. Carry resilient floors only to, but not under, the base of cabinets, cupboards, and other built-in furniture.

b. Underlayment (*include when it is desired to have the installation of hardboard such as Armstrong's Temwood® or Temboard®, or plywood as an underlayment under the carpentry contract*).

c. Heat and ventilation to maintain 70° F. while laying is being done during cold weather.

3. Linoleum

Linoleum shall be

(1) first quality material and composed of an oxidized oleoresinous composition, pigments, and fillers and shall have a supporting backing. It shall be dense but resilient and highly resistant to abrasion.

(2) Linoleum as manufactured by the Armstrong Cork Company.

3A. Linotile

Tile shall be

(1) first quality material, ⅛″ thick, and composed of oxidized linseed oil, resins, pigments, and fillers. It shall not have a supporting backing. It shall be dense but resilient, highly resistant to abrasion, and capable of withstanding a furniture load of 200 pounds per square inch without indenting. Tile shall be accurately cut, with square, true edges, and uniform in thickness, or

(2) Linotile as manufactured by the Armstrong Cork Company.

3B. Asphalt Tile

Tile shall be

(1) first quality material ⅛″ or 3/16″ thick and composed of a thoroughly blended composition of thermoplastic binder of the asphalt and/or resinous type, asbestos fibers, pigments and fillers, formed under pressure while hot and cut to size. Tile shall be uniform in thickness and accurately cut, with square, true edges, or

(2) Asphalt tile as manufactured by the Armstrong Cork Company.

Flooring

3C. Arlon Tile

Tile shall be

(1) first quality material and composed of a plastic and asphaltic and/or resinous type binder and color pigments, formed under pressure while hot and cut to size. Tile shall be uniform in thickness and accurately cut, with square, true edges or

(2) Arlon Tile as manufactured by the Armstrong Cork Company.

3D. Rubber Tile

Tile shall be

(1) first quality material, 1/8" or 3/16" thick, and shall be homogeneous throughout. It shall consist of a properly vulcanized rubber compound free of objectionable odors, shall have thoroughly dispersed reinforcing fibers, and shall be free from blisters, cracks, embedded foreign matter or other physical defects affecting its appearance or serviceability.

(2) Rubber tile as manufactured by the Armstrong Cork Company.

3E. Cork Tile

Tile shall be

(1) first quality material, 1/4", 5/16", or 1/2" thick, and made from selected grades of pure cork, homogeneous from face to back, free from foreign substances, and thoroughly and evenly baked. Tile shall be accurately cut, with square, true edges and uniform in thickness, or

(2) Cork tile as manufactured by the Armstrong Cork Company.

4. Color, Patterns, and Sizes

a. (*Always specify field and border color numbers to avoid confusion.*)

(1) field colors shall be ..... Border colors and widths shall be ....., or

(2) field and border colors and sizes shall be as shown on the Schedule of Finishes.

b. Feature strips shall be

(1) ..... inches wide and ..... (*color*), or

(2) as shown on the Schedule of Finishes.

5. Flash Type Cove Base

a. Base shall be

(1) linoleum (*specify gauge and color*) with binding strip, end stops, corner pieces, and 7/8" wax fillet complete.

b. Nail binding strips, end stops, and corner pieces tight to the wall with cement coated flat head nails or drive screw nails. Install wax fillet strip with Armstrong's S-128 Paste.

c. Base shall be (*4½" or 6"*) high.

6. Top-Set Asphalt Cove Base

a. Base shall be

(1) asphalt 1/8" thick with molded top-set cove, or

(2) as manufactured by the Armstrong Cork Company.

b. Base shall be sufficiently flexible so that internal and external corners can be formed easily from 3-foot sections by heating and bending.

c. Base shall be ..... in color and shall be (*4" or 6"*) high.

7. Top-Set Rubber Cove Base

a. Base shall be

(1) rubber 1/8" thick with molded top-set cove, or

(2) as manufactured by the Armstrong Cork Company.

b. Base shall be plain black in color and shall be (*4" or 6"*) high.

8. Adhesives

a. For linoleum

(1) Armstrong's S-128 Paste, or

(2) Armstrong's S-214 Waterproof Cement

(3) Armstrong's S-245 Top-Set Asphalt Cove Base Cement

(4) As approved by the manufacturer of the linoleum.

b. For Linotile, Rubber Tile, or Cork Tile

(1) Armstrong's No. S-128 Paste

(2) Armstrong's No. S-214 Waterproof Cement

(3) As approved by the manufacturer of these tile floorings.

(4) Rubber Cove Base shall be installed with Armstrong's No. S-214 Waterproof Cement.

c. Asphalt Tile or Arlon Tile

(1) Asphalt Tile or Arlon Tile shall be installed with

(a) Armstrong's No. S-160 Emulsion, or

(b) Armstrong's No. S-90 Cement

(2) Lining felt shall be installed with Armstrong's No. S-128 Paste.

(3) Asphalt Cove Base shall be installed with Armstrong's No. S-245 Top-Set Asphalt Cove Base Cement, or

(4) Asphalt Tile, Arlon Tile, and Asphalt Cove Base shall be installed with adhesives approved by the manufacturer of the asphalt tile and the cove base.

9. Lining Felt

Felt should be semi-saturated asphalt rag felt as approved by the manufacturer of the linoleum.

10. Samples

a. Samples must be approved by the architect before work is started.

b. Samples must be labeled, stating color, gauge, and location in which they are to be used, and the manufacturer's name.

INSTALLATION

Note: For methods of installing resilient floors over different types of subflooring—see Table 1 on page 34.

11. Subfloor

a. Lay the resilient floor on a subfloor of ..... (state whether concrete, Temboard, plywood, or other) which this contractor shall inspect before starting work.

b. Notify the architect in writing of any defects in the subfloor. Do not proceed until such defects have been corrected. Starting of work shall imply acceptance by this contractor of the subfloor.

12. Preparation

a. The subfloor will be delivered to this contractor broom clean and free of paint, varnish, wax, grease, or oil. It shall be dry.

b. Fill all cracks, expansion joints, etc., in concrete subfloors with Armstrong's S-190 Crack Filler.

c. Prime wood subfloors that have been sanded with one brush coat of Armstrong's S-140 Floor and Wall Size.

13. Laying

a. Lay the resilient floor as scheduled in Table No. 1, Page 34, so as to be true, level, and even with tight joints, and in accordance with manufacturer's installation instructions.

b. Linoleum on wood floors, lay at right angles to floor boards. When for economy or other reason a seam parallels the floor boards, paste Armstrong's S-96 Fabric Seam Protector directly under the linoleum seam.

c. Fit borders accurately.

d. Cut to and around all permanent fixtures.

e. Roll in two directions with 100 pound or heavier roller. (*Not required for asphalt tile.*)

f. Clean off surplus adhesive.

g. Match patterned linoleum at all seams.

Flooring

14. Other Subfloors

For subfloors not covered in these specifications, such as metal, magnesite, tile, etc., write direct to Armstrong Cork Company, Lancaster, Pa., for recommendations.

15. Installing Flash Type Cove Base (select clauses below to suit conditions)

a. (*For concrete floors not plugged under "Masonry Work."*) Set 5/8" diameter wood plugs, at least 1" long, flush with the concrete floor for nailing end stops and corner pieces of base.

b. (*For concrete walls not having wood grounds as specified under "Carpentry."*) Set 5/8" diameter wood plugs at least 1" long, in the walls at proper height, not over 9" on center and flush with the concrete for nailing binding strip, end stops, and corner pieces of base.

c. Install binding strip, end stops, and corner pieces with cement-coated flat head nails or drive screws, securing pieces flush and tight to wall and floor.

d. Install 7/8" wax fillet strip at intersection of floor and wall with S-128 Paste.

e. Fit base linoleum to binding strip, stops, etc., and to floor. Paste with S-128 Paste, or S-214 Waterproof Cement. Miter corners at floor and lay field or border flush with base linoleum.

16. Installing Top-Set Asphalt Cove Base

a. Firmly cement asphalt cove base to wall with Armstrong's S-245 Top-Set Cove Base Cement.

b. Form internal and external corners from three-foot sections of base in accordance with manufacturer's instructions. Accurately scribe base to trim and plinth.

17. Installing Top-Set Rubber Cove Base

a. Firmly cement rubber cove base to wall with Armstrong's No. S-214 Waterproof Cement.

b. Form internal and external corners using preformed corners attached and furnished with base.

18. Stair Treads

Install resilient flooring on all stair treads, including top treads of all floors, landings, and platforms (specify locations).

(1) treads must finish flush with metal nosings, or

(2) provide and install a continuous nosing (specify kind), with the top edge set to finish flush with the surface of the resilient floor. Secure rigidly in place by (*specify method*).

19. Cleaning and Waxing

a. Clean all flooring thoroughly in accordance with manufacturer's maintenance recommendations.

TABLE 1—METHODS OF INSTALLING FLOORINGS

Type of Flooring→ / Type of Subfloor ↓	LINOLEUM		Linoleum Tile	Linotile	Conductive and Greaseproof Asphalt Tile	Rubber Tile	Arlon Tile	Asphalt Tile	Industrial Asphalt Tile	Cork Tile
	Burlap-Backed Heavy Gauge	Felt-backed Standard or Light Gauge (with Safety-Back)								
Wood, Temwood, Temboard, Plywood	1	2 or 1	5	5	8	5	8	8	8	5
Above-grade concrete or floor fill	2 or 1	2 or 1	6 or 5	6 or 5	10	6 or 5	10	10	10	6 or 5
Above-grade ceramic tile, marble, terrazzo	11	11	6 or 5	6 or 5	10	6 or 5	10	10	10	6 or 5
Metal	4	4	4	7	10	7	10	10	10	7
Stair treads: wood, concrete, metal	4	4	4	7	7 or 10	7	7 or 10	7 or 10	7 or 10	7
On-grade or below-grade subfloors in direct contact with ground (concrete, tile, terrazzo)	3	3	3	3	9	3	9	9	9	3
Magnesite	Specify that contractor write to Armstrong Cork Company, Lancaster, Pa., for recommendation before applying resilient flooring to magnesite.									

1. Armstrong's Lining Felt shall be bonded to the subfloor with Armstrong's S-128 Paste. Linoleum shall be bonded to the felt with Armstrong's S-128 Paste.*

2. Linoleum shall be bonded in place with Armstrong's S-128 Paste.*

3. Don't use.

4. Linoleum shall be bonded over wood or concrete with Armstrong's S-128 Paste and over metal with Armstrong's S-214 Waterproof Cement.

5. Armstrong's Lining Felt shall be bonded to subfloor with Armstrong's S-128 Paste. Linotile, linoleum tile, rubber tile, or cork tile shall be bonded to the felt with Armstrong's S-128 Paste.

6. Linotile, linoleum tile, rubber tile, or cork tile shall be bonded in place with Armstrong's S-128 Paste.

7. Specify that contractor write to Armstrong Cork Company, Lancaster, Pa., for recommendation before applying Linotile, asphalt tile, or rubber tile to metal.

8. Armstrong's Lining Felt shall be bonded to the subfloor with Armstrong's S-128 Paste. The asphalt tile or Arlon Tile shall be bonded to the felt with Armstrong's No. S-160 Emulsion.

9. The subfloor shall first be primed with Armstrong's No. S-80 Primer. Then the asphalt tile shall be bonded direct to the primed subfloor with Armstrong's No. S-90 Asphalt Cement. (*Industrial, conductive, and greaseproof conductive asphalt tile are not recommended for use over below-grade subfloors.*)

10. The asphalt tile or Arlon Tile shall be bonded in place with Armstrong's No. S-160 Emulsion. Dusty or porous concrete shall first be primed with Armstrong's No. S-80 Asphalt Primer.

11. If sanding has roughened the subfloor enough to provide a good bond for the adhesive, the contractor shall install the resilient flooring as follows: (*specify 1 or 6 above*). Otherwise, he shall cement Armstrong's Lining Felt to the subfloor with Armstrong's S-214 Waterproof Cement and shall paste the linoleum to the felt with Armstrong's S-128 Paste.

*If the linoleum will be exposed to considerable surface moisture, the seams and edges shall be cemented with Armstrong's S-214 Waterproof Cement. (For sink tops, use Armstrong's No. S-290 Cement.)

Flooring

b. After cleaning, apply one coat of Armstrong's Linogloss® Wax and polish with a mechanical buffer.

20. Guarantee

This contractor shall guarantee that all work executed under this section of the specification will be free from defect in material and workmanship, provided any such defect is brought to the attention of contractor in writing within one year after completion of the work. Upon such notice, the contractor shall, at his own expense, make the necessary repairs or replacements of the defective work in question. The owner shall, however, be responsible for the removal and replacement of all fixtures and equipment attached to the surface on which the work will be done.

ITEMS FOR CARPENTRY SECTION

1. General

Wood subfloors shall be brought to a smooth, even surface a sufficient distance below the finished floor level to allow for the installation of the resilient flooring.

2. Single Wood Floors

(Never install resilient flooring over single wood subfloors.)

a. (For single wood floors of tongue-and-groove boards.) Cover the floor with a layer of hardboard (*such as Armstrong's ¼" Temboard or Armstrong's ⅛" or 3/16" Temwood or Tempered Temwood*) or 5-ply ⅝" plywood, firmly nailed with cement or rosin-coated nails spaced not more than 6" apart in both directions and at all edges. The pieces shall be not larger than 4' x 4' and shall be laid 1/16" apart. (*In the case of hardboard, include: "with the smooth side down."*)

b. (For single wood floors not tongue-and-grooved.) Cover the floor with 25/32" kiln-dried tongue-and-groove flooring, not over 3" face, laid at an angle of 45° to the under layer. Cut end joints square, drive tight, and blind-nail with 8d cut flooring nails.

3. Double Wood Floors

Install double wood floors (*list areas*). Under layer shall be ⅞" tongue-and-groove boards not over 8" wide. Lay boards at right angles to the joists, with the end joints square, staggered, and over bearings only. All boards shall be face-nailed at each end and at every bearing with two 8d nails. Finish flooring shall be as specified in 2(d) above. (*If the finish flooring is omitted, cover the under layer as specified in 2(a), or with a floor fill using Armstrong's S-170 Flormastic.*)

4. Repairing Old Wood Floors

Existing floors throughout (*specify areas*) shall be repaired as follows: (*Select clauses from (1) to (4) if existing floors are extremely uneven and are not being leveled with the floor fill.*)

(1) Fill all cracks wider than ⅛" and all holes larger than ¼" with plastic wood or snugly fitted pieces of wood.

(2) Replace all loose and defective boards with sound new material.

(3) Renail boards where necessary to make rigid and secure.

(4) Same as 2(a) Single Wood Floors.

5. Baseboards and Plinths

Extend all wood baseboards and/or plinths to the subfloor. Where flash type cove base is specified, install wood nailing strip in the wall at the proper height and flush with finished walls.

6. Scraping and Sanding

Scrape and/or sand all uneven areas in the wood flooring to make suitable for application of the linoleum.

ITEMS FOR MASONRY SECTION

1. The surface of all concrete floors (*specify areas*) as well as the treads, landings, and platforms of stairs (specify location) shall be steel troweled to a smooth, even, level, hard surface, free from expansion joints, depressions, scale, or foreign deposits.
2. Concrete subfloors shall be brought to a smooth, even surface a sufficient distance below the finished floor level to allow for the insulation of the linoleum.

ITEMS FOR PLASTERING SECTION

1. (*Where Cove Base of either type is used.*) All plastering on walls (*specify areas*) shall be made smooth, even, and free from pits or other imperfections and shall be carried to the subfloor. The intersection of the wall and floor shall be left true, even, and free of foreign matter.

MAINTENANCE RECOMMENDATIONS

1. **Cleaning:** Resilient floors should not be washed for at least 4 to 5 days after installation. For cleaning, use Armstrong's Liquid Cleaner or Cleaning Powder in accordance with the manufacturer's directions.

2. **Waxing:** Armstrong's Linogloss Wax is a water-emulsion product containing no injurious solvents. This type of wax can be applied easily with a cotton cloth mop or a Linogloss Wax Applicator. The wax should be spread as thinly as possible, with straight strokes in one direction only. In about twenty minutes it will dry to a hard, durable, lustrous finish. A high glossy finish can be produced by buffing with a weighted brush or an electric polishing machine.

   The daily care of a floor which has been waxed consists of brushing with a soft hair brush to remove the dust and dirt. Floors maintained in this manner should not require frequent washings or scrubbings.

3. **The Use of Furniture Rests:** The concentrated weight of furniture and other equipment often causes indentations in resilient floor installations. To prevent this, the use of Armstrong's Furniture Rests and Cups is recommended. (*See chart below for proper size.*) These rests help prevent indentation by distributing the weight of the furniture over a greater floor area. Where the design of the equipment does not permit the use of furniture rests or cups, small blocks of smooth wood should be placed under the corners.

Recommendations for the Selection of Armstrong's Furniture Rests

Weight (per leg) of Fully Loaded Furniture	Size of Rest or Cup Required (Order by Number)				
	Linoleum	Linotile	Asphalt Tile	Rubber Tile	Cork Tile
Up to 50 lbs. PER LEG	NT-10 CT-100	NT-10 CT-100	NT-20 CT-200	NT-10 CT-100	NT-20 CT-200
50–100 Lbs. PER LEG	NT-20 CT-200 NDC-6	NT-10 CT-100 NDC-6	NT-50 CT-500 NDC-7	NT-10 CT-100 NDC-6	NT-35 CT-350 NDC-6
100–150 Lbs. PER LEG	NT-20 CT-200 NDC-6	NT-10 CT-100 NDC-6	NDC-225	NT-10 CT-100 NDC-6	NT-50 CT-500 NDC-7
150–200 Lbs. PER LEG	NT-35 CT-350 NDC-6	NT-10 CT-100 NDC-6	NDC-325	NT-10 CT-100 NDC-6	NT-50 CT-500 NDC-225
200–250 Lbs. PER LEG	NT-35 CT-350 NDC-6	NT-20 CT-200 NDC-6	NDC-425	NT-20 CT-200 NDC-6	NDC-225
250–300 Lbs. PER LEG	NT-50 CT-500 NDC-7 NDC-125	NT-20 CT-200 NDC-7 NDC-125	NDC-425	NT-20 CT-200 NDC-7 NDC-125	NDC-325

Armstrong's Veos Wall Tile

Porcelain on Steel

Armstrong's Veos Wall Tile is a de luxe wall and ceiling surface. It is made of genuine porcelain fused to sturdy 20 gauge steel. The porcelain prevents any possibility of rust or corrosion. Armstrong's Veos Wall Tile is offered in a variety of shapes and sizes. All tile units are erected on a special foundation board which is cemented or nailed to the structural wall. The foundation board is ½" thick and is channeled in 1½" squares which align the tiles perfectly and speed installation.

Uses—Armstrong's Veos Wall Tile is ideal for any interior, new or old, where beauty is to be combined with exceptional durability and ease of cleaning. In commercial establishments, such as grocery stores, butcher shops, and barber shops, Veos Wall Tile is paramount for sanitation and beauty. It is also widely used as a sanitary wall finish for hospitals, medical offices, institutions, and other public buildings. In private residences, Veos Wall Tile is ideally suited for walls or ceilings of bathrooms, kitchens, and powder rooms.

Advantages—Armstrong's Veos Wall Tile is unusually strong, yet light in weight. It weighs only 3½ lbs. per square foot installed. This exceptional light weight permits its use in modernizing old structures without additional structural support. Veos Wall Tile offers attractive decorative possibilities through its wide range of colors, sizes, and shapes. It helps lower building costs by cutting installation time.

Installation—Armstrong's Veos Wall Tile can be erected quickly and easily in new or old construction—over frame, brick, plaster, concrete, hollow tile, or any other sound and true wall or ceiling. A well-trained mechanic can complete an average Veos Wall Tile installation in just a few hours. For installation procedure, see Figures 1, 2, and 3 below—also page 43 for additional installation specifications.

Maintenance—The genuine porcelain finish of Veos Wall Tile is remarkably easy to care for. Dirt and dust don't readily cling to its glass-like surface. Occasionally mild soap and water may be called for, but generally wiping with a damp cloth is all the care required to keep Veos walls bright and new looking.

Economy—Since Veos Tile is porcelain on steel, it never needs refinishing and thereby saves the cost of redecorating many times over. Its economy and practicability has been proved by hundreds of thousands of installations in fine homes, as well as in hotels, hospitals, schools, and other types of institutional and public buildings all over the country.

At left—The walls of Armstrong's Veos Tile make this kitchen easy to care for and distinctive in appearance. The smooth porcelain finish of this Armstrong tile cleans with little more than a damp cloth. The colors will never fade or wear off—they're deep in the porcelain. Here, Veos Tile in Jade is used for the field color, with trim of Red and Green and a cove base of Black.

1. Grout-adhesive is applied to the foundation board with a plasterer's trowel, filling grooves and leaving a thin film of grout-adhesive on the raised surfaces.

2. Tiles are pressed into the grooves of the foundation board, forcing the grout-adhesive to squeeze out between the tiles into the spaces formed by the tile joints.

3. Excess grout adhesive is removed and the joints are pointed with a finger. The tiles are then cleaned with a sponge dampened with water or mineral spirits.

Armstrong's Veos Wall Tile

Porcelain on Steel

Field tile in Armstrong's Veos Wall Tile are 4½" x 4½", or 3" x 4½". Caps, bases, inside and outside corner tiles, strips and trim—29 special shapes in all—range in size from 1½" x 1½" to 6½" x 7½". They afford countless wall design possibilities and speed installation with a minimum of tile cutting on the job.

Ten Standard Colors—Armstrong's Veos Wall Tile colors were carefully selected by decorating experts to harmonize with each other, with the colors of modern fixtures, and with curtains and other forms of interior decoration. The ten colors which are shown above offer almost unlimited opportunities to create unusual interiors. The wide variety of shapes and sizes available in the various Veos Wall Tile colors also gives the architect complete freedom of design.

Veos Wall Fixtures—Wall fixtures, in smart modern design are available in the same durable porcelain and beautiful colors as Veos Wall Tile. They are easily installed and are durable since they are attached to the structural members of the wall with bracketing concealed by the surrounding tiles. The types of fixtures available are *Tumbler Holder, Robe Hook, Soap Dishes with and without Grab Bar, Paper Holder, and two sizes of Towel Bars.*

At right—Armstrong's Veos Wall Tile lends itself to all types of architectural design. This colorful bathroom of Peach and Aqua is an excellent example showing how the wide variety of shapes available in this modern wall tile permit the designer to take full advantage of architectural appointments. The colors, too, harmonize with each other and suggest many color combinations.

Armstrong's Linowall

Armstrong's Linowall is a registered trade-mark for a linoleum-like wall covering with a resilient composition keyed to a flexible backing. It is approximately .050″ in total thickness. This assures greater durability than other materials with a film finish only a few thousandths of an inch thick.

Durability—Linowall is resilient and does not chip or crack when bumped. It withstands moderate settling of walls without cracking or buckling. Surface moisture does not injure it, and the seams can be waterproofed. The colors do not wear off because they go through to the back of the material.

Economy—Though Linowall is reasonable in cost, it offers several desirable qualities not obtainable in more expensive materials. It can be formed without seams around internal and external corners with radii as small as ⅝″. It does not have to be periodically replaced or refinished. Dirt, grease, and smoke or water marks can be easily removed from its surface with a cloth.

Special Designs—Linowall can be inlaid or appliqued with designs in linoleum, metal, wood, glass, plastic, etc.

Note—*Even though Armstrong's Linowall is water resistant, it should not be used in shower stalls or around built-in tubs or tub recesses, or other areas exposed to excess moisture.*

Armstrong's Linowall provides a colorful and serviceable wall finish for modern interiors. Here walls of Blue Linowall No. 717 add to the attractiveness of this smart bathroom. Colorful Armstrong's Veos Wall Tile puts the finishing touches to both tub and shower.

Colors and Patterns—Linowall is made in fourteen marbleized patterns and in a single gauge (.050″). It has an Armofelt backing.

Sizes—Rolls 3′ or 6′ wide.

Accessories—Linoleum cap strip for Linowall, ⅛″ thick by 1½″ wide, is furnished beveled two sides in 30′ lengths. Cap strip is manufactured in 12 colors, Marbelle and Plain.

Linowall fillet strip (⅝″ radius) is supplied in 50′ rolls for coving Linowall at internal corners.

Linostrips — See suggestions on page 4.

Specifications—See Linowall specifications on page 42.

Walnut No. 731
(⅓ actual size)

Pine No. 730
(⅓ actual size)

Moonstone Blue No. 717
(⅓ actual size)

Primrose No. 708
(⅓ actual size)

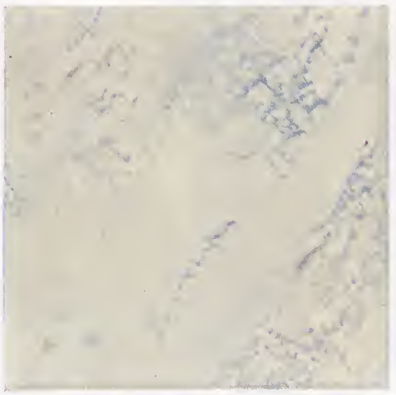
Black No. 703
(⅓ actual size)

Green No. 700
(⅓ actual size)

Fern Green No. 715
(⅓ actual size)

Camellia No. 712
(⅓ actual size)

Ivory No. 704
(⅓ actual size)



Porcelain Blue No. 713
(⅓ actual size)

Tan No. 706
(⅓ actual size)

Peach No. 705
(⅓ actual size)

Mother-of-Pearl No. 707
(⅓ actual size)

Cameo Coral No. 714
(⅓ actual size)

Armstrong's Monowall

Armstrong's Monowall is a specially treated wood fiber hardboard with a factory applied paint surface. Its high gloss finish is applied in multiple layers under precise manufacturing specifications. It is water-resistant and will not attract or hold dust and dirt.

Colors and Designs—Armstrong's Monowall is available in plain colors, tile-designs, and streamline-designs. These three designs can be used singly or in combination to achieve many decorative effects. Since the same background colors are used on all designs, variety can be achieved without destroying color theme or harmony.

Uses—Monowall is popular as a wall finish for kitchens and bathrooms. By waterproofing joints it may be used for lining walls around tub-showers, washbowls, and other areas exposed to water. Wiping with a damp cloth or cleaning with mild soap and water is all the care it needs. Monowall has wide acceptance as a sanitary wall finish for food stores, restaurants, and other commercial interiors. It is also suitable for counter or bar fronts but is not recommended for counter or table tops.

Advantages—Armstrong's Monowall may be applied over both new and old wall surfaces. It is light in weight, weighing only 1 lb. per square foot. In remodeling, it can be used safely without reinforcing the structure. For example, a wainscoting for an average bathroom weighs less than 150 lbs. Monowall has a pleasing appearance, is easily maintained, and has exceptional durability. Its large panel sizes permit quick and easy installation. Its initial cost is moderate.

Armstrong's Monowall is an ideal material for new construction. It is one of the most economical de luxe wall materials and is ideally suited to dry wall construction. Costs can be reduced considerably in both commercial and residential construction by applying Mono-

EVEN THE CABINETS were finished with Monowall in this newly remodeled kitchen. From the ceiling down to the floor Monowall provides an attractive, easy-to-clean surface that will stay that way for many years. Wedgwood Blue Monowall was used on the ceiling and in the recessed wall area. Walls, cabinets, and counter fronts were covered with Streamline Wedgwood Blue. Remodeling with Armstrong's Monowall assures lasting beauty and real economy.

Wedgwood Blue No. S-420
Also in Plain No. 42
and Tile No. 420

wall directly to an approved base such as gypsum board. Where Monowall is used for both ceilings and walls, plastering can be eliminated completely.

Armstrong's Monowall is most practical for walls or ceilings of restaurants, bakeries, grocery stores, hospitals, clinics, and other commercial interiors where sanitation, as well as economy and appearance, is of primary importance. It can be installed with little or no interruption of business routine.

Porcelain White No. 12

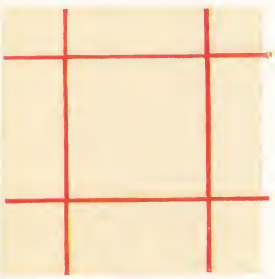
Cameo Peach No. 620
Also in Plain No. 62
and Streamline No. S-620

Porcelain White No. 135
Also in Streamline No. S-135

Colonial Ivory No. 22
Also in Tile No. 225
and Streamline No. S-225

Porcelain White No. 115
Also in Streamline No. S-115

Cascade Green No. 32
Also in Tile No. 320
and Streamline No. S-320



Porcelain White No. 125
Also in Streamline No. S-125

Primrose Yellow No. 520
Also in Plain No. 52
and Streamline No. S-520

Installation — Armstrong's Monowall may be applied against 1 or 2-coat plaster (old or new), gypsum lath, gypsum board, hardboard, wood, plywood, or finished concrete. It should not be applied directly to studdings or to surfaces likely to become wet, such as porous walls below grade.

Moldings—All joints between panels are finished with Armstrong's Moldings or Channels, illustrated at right below. Channels are not ordinarily nailed in place but are allowed to "float"—to compensate for expansion and contraction or settling movement of the walls. Special channels are used for joints adjacent to built-in bathtubs. These joints are waterproofed with a special cement. For curved surfaces and special wall treatments, Armstrong's Monowall can be bent on a radius of 27″ or over.

Specifications—See Monowall specifications on page 42.

SHOWN on these pages are the patterns and colors in which Armstrong's Monowall is made, including plain colors, tile-designs, and streamline-designs. For samples and free decorative assistance, write to the Bureau of Interior Decoration, Armstrong Cork Company, Lancaster, Pa.

While the colors have been printed with great care, it is preferable to match Armstrong's Monowall from actual samples.

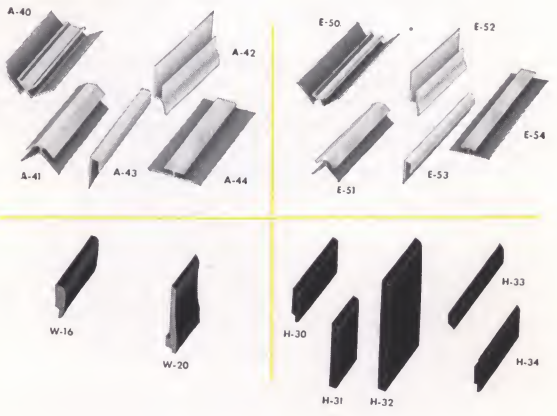
TYPES AND SIZES

Types	Sizes	Thickness
Tile-Designs*	4′ x 4′, 6′, 8′, 10′, 12′	5/32″
Streamline-Designs**	4′ x 4′, 6′, 8′, 10′, 12′	5/32″
Plain Colors	4′ x 4′, 6′, 8′, 10′, 12′	5/32″

*Scored lines are 4″ on centers.
**Scored lines are 8″ on center running the long way of the board.

Armstrong's Monowall Moldings and Channels

Used for finishing Monowall panels. Moldings are made of hardboard or wood; channels are finished in aluminum alloy or stainless steel.



ARMSTRONG'S FLOORS and WALLS

ARMSTRONG OFFICES

ALBANY 5.....64 Northern Boulevard
ATLANTA .....727 W. Peachtree Street, N.E.
BALTIMORE 2.....114 South Street
BIRMINGHAM 3.....501 American Life Building
BOSTON 16.....Publisher's Building, 131 Clarendon Street
BUFFALO 2.....822 Genesee Building
CHARLOTTE 6.....415 Atando Ave.
CHICAGO 54..... 13-136 The Merchandise Mart
CINCINNATI 2.....138 E. Court Street
CLEVELAND 15 .....209 Hanna Bldg. Annex
Corner Prospect Ave. and East 14th Street
COLUMBUS 12.....1282 Edgehill Road
DALLAS 1.....701-708 Burt Building
DENVER 2.....510-14 Interstate Trust Building
DETROIT 26.....Free Press Building, 321 Lafayette Ave., West
HARTFORD 6.....830 Maple Ave.
HOUSTON 2.....841-844 Electric Bldg., Fannin and Walker Sts.
INDIANAPOLIS 2.....1120 Central Avenue
JACKSONVILLE 4.....1277 Houston Street
KANSAS CITY 6.....800 Twenty West Ninth Street Building
LOS ANGELES 15.....719 Bendix Building
LOUISVILLE 2.....219 Heyburn Building
MEMPHIS 3.....201 Washington Avenue
MILWAUKEE 4.....1102 West Bruce Street
MINNEAPOLIS 2.....511 Plymouth Building
NEW ORLEANS 12.....928-930 Tchoupitoulas Street
NEW YORK 16.....295 Fifth Avenue
OMAHA 2.....309 Patterson Bldg., 305 South 17th St.
PHILADELPHIA 6.....Public Ledger Building, Sixth and Chestnut Streets
PITTSBURGH 22.....24th St. and Allegheny River
PROVIDENCE 3.....1525 Industrial Trust Building
RICHMOND 20.....1615 W. Broad Street
ROCHESTER 4.....217 East Avenue
ST. LOUIS 3.....1205 Olive Street
SALT LAKE CITY 1.....225 Kearns Bldg., 136 S. Main Street
SAN FRANCISCO 3.....Western Merchandise Mart, 1355 Market Street
SEATTLE 1.....1932 First Avenue
TULSA 3.....219 East Archer Street
WASHINGTON 6, D. C.....1713 K Street, N.W.

ARMSTRONG CORK COMPANY

Lancaster, Pennsylvania

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Lancaster, Pennsylvania

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