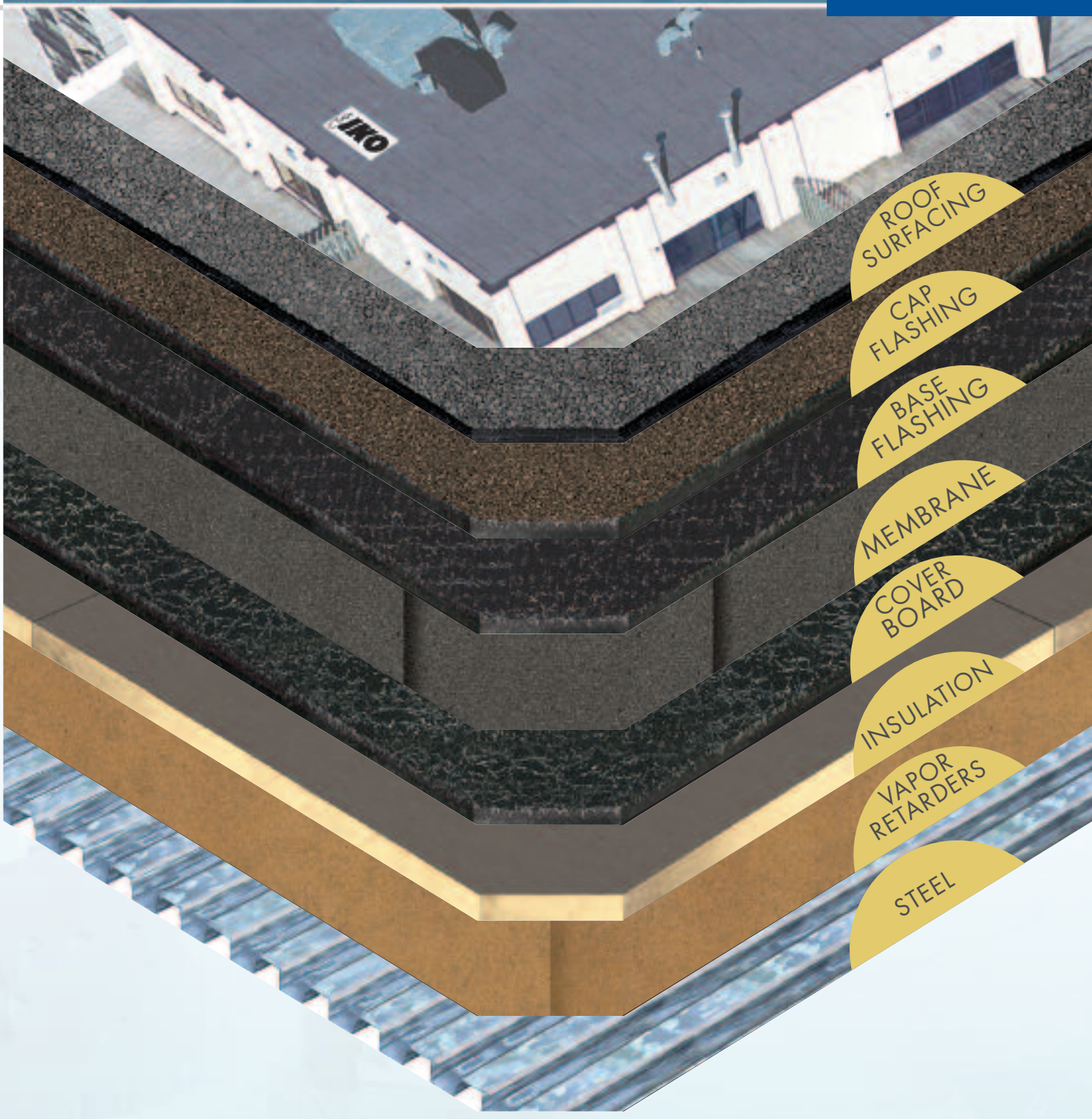
IKO
Setting the Standard

COMMERCIAL & INDUSTRIAL
ROOFING PRODUCTS

STEEL DECK
BUR



PREMIUM QUALITY COMMERCIAL ROOFING PRODUCTS ► www.iko.com

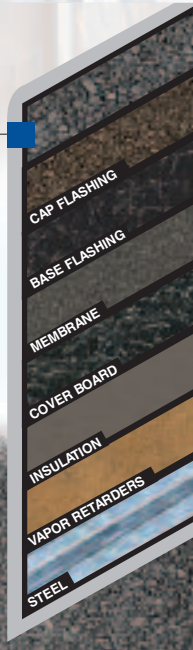
ROOF SURFACING

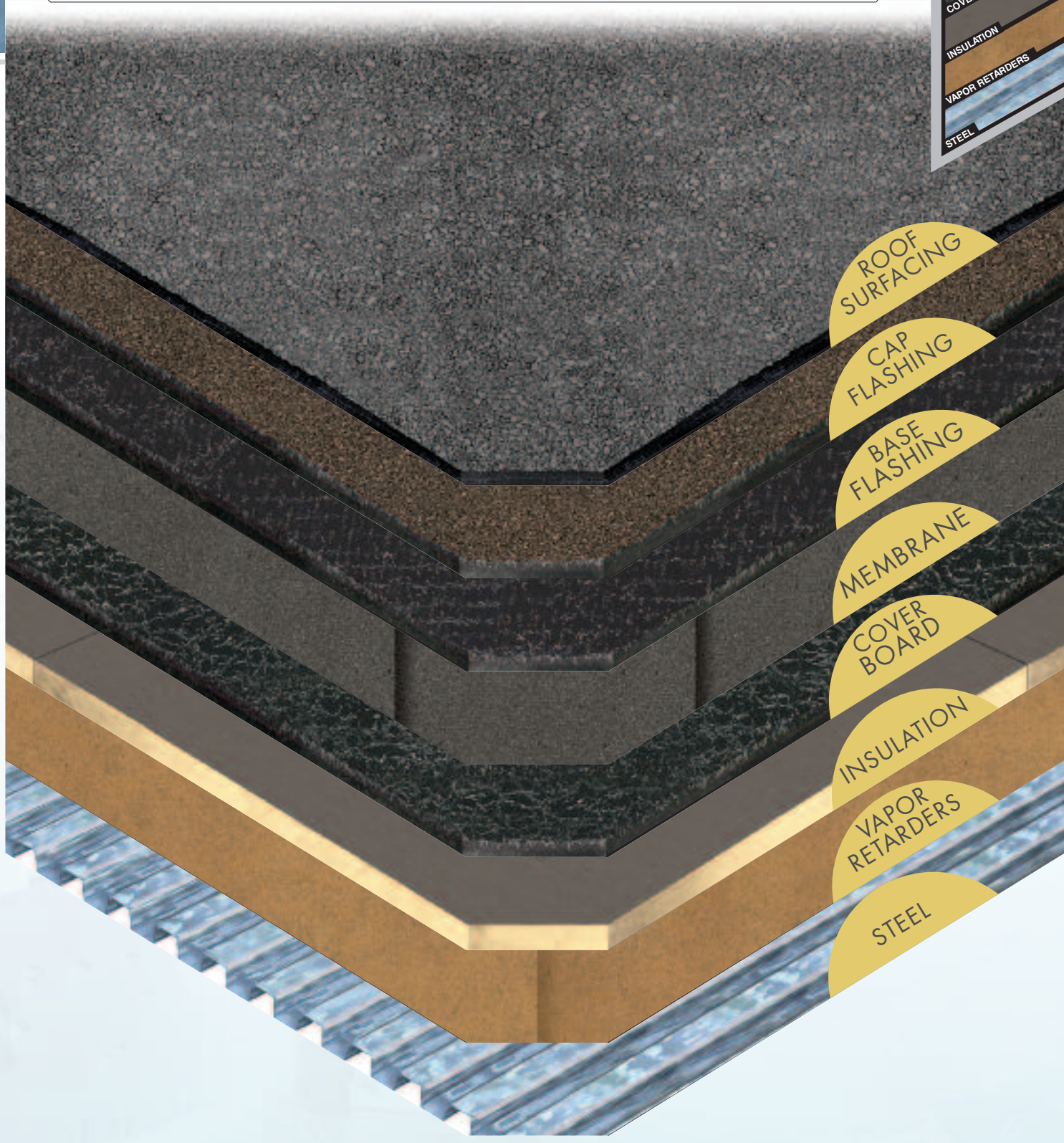
Aggregate to be applied to a flood coat of asphalt that is applied at a rate of 60 lbs/square. Aggregate to be applied at a rate of 400 lbs/square.

NOTE: A second pour and gravel can be applied after the loose gravel is swept from the roof.

TECHNICAL BINDER REFERENCE

9.16.1





CAP FLASHING (CHOOSE ONE)

MOP TO SAND TOP SURFACE BASE FLASHING

- MP-180-CAP
- MP-250-CAP
- PREVENT MP-180
- PREVENT MP-250
- PREVENT PREMIUM MP-250

HEAT WELD TO FILM TOP SURFACE BASE FLASHING

- TP-180-CAP
- TP-250-CAP
- TP-250-CAP (5.0)
- PREVENT TP-180
- PREVENT TP-250
- PREVENT PREMIUM TP-250

- APP CLASSIC*
- APP GRANULAR
- 4 PLY NO. 15 PERF FELT (FLASHING SYSTEM)

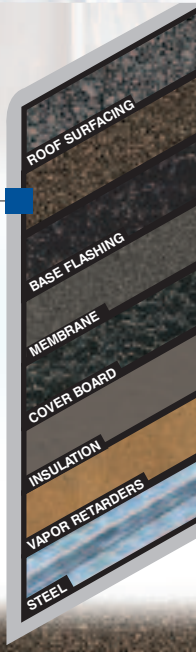
Flashings to be a maximum width of 39.5" (width of roll), installed in the machine direction and staggered a minimum of 12" from all joints. All side laps shall be 3.5" (excluding No. 15 felt).

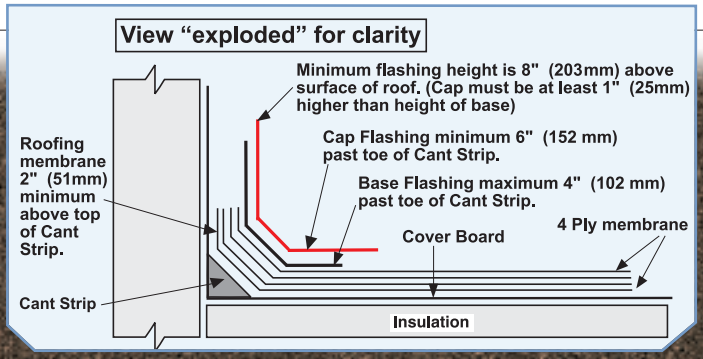
IKO supports the recommendations of the CRCA in that 2 ply polyester reinforced flashings are desirable due to their superior elongation and tear strength as opposed to fiberglass reinforced flashings.

* Requires approved coating applied no sooner than 30 days and no later than 90 days after membrane application.

TECHNICAL BINDER REFERENCE

- 3.34, 4.17.1, 6.17.1 (Part 8, Part 11)
- 3.28 - 3.31, 3.29, 4.14.1, 4.16.1, 6.14.1, 6.16.1





BASE FLASHING (CHOOSE ONE)

WITH MOP APPLIED CAP FLASHING

MP-180-SS-BASE
MODIFLEX COLD GOLD™ BASE

WITH HEAT WELD APPLIED CAP FLASHING

ARMOURBOND FLASH *
ARMOURBOND 180 *
TP-180-FF-BASE
MP-180-FS-BASE
APP CLASSIC **

* Requires approved self-adhering membrane primer.

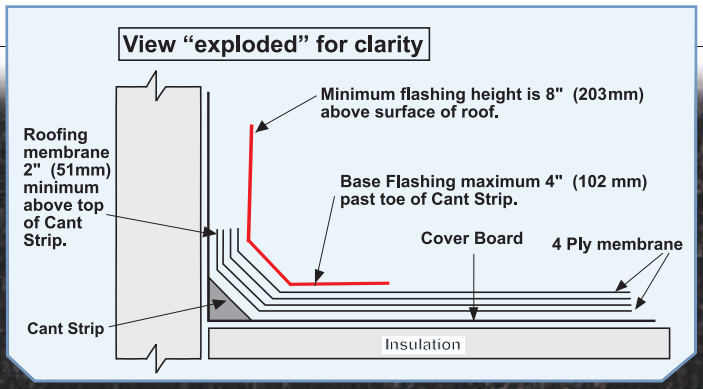
** Use only with APP Classic or APP Granular cap flashing.

Flashings to be a maximum width of 39.5" (width of roll), installed in the machine direction and staggered a minimum of 12" from all joints. All side laps shall be 3.5".

IKO supports the recommendations of the CRCA in that 2 ply polyester reinforced flashings are desirable due to their superior elongation and tear strength as opposed to fiberglass reinforced flashings.

TECHNICAL BINDER REFERENCE

- 3.34, 4.17.1, 6.17.1(Part 8)
- 3.28 - 3.31, 3.29, 4.14.1, 4.16.1, 6.14.1, 6.16.1



MEMBRANE (CHOOSE ONE)

4 PLY:

- NO. 15 PERF FELT
- TYPE IV GLASS
- TYPE 6 GLASS

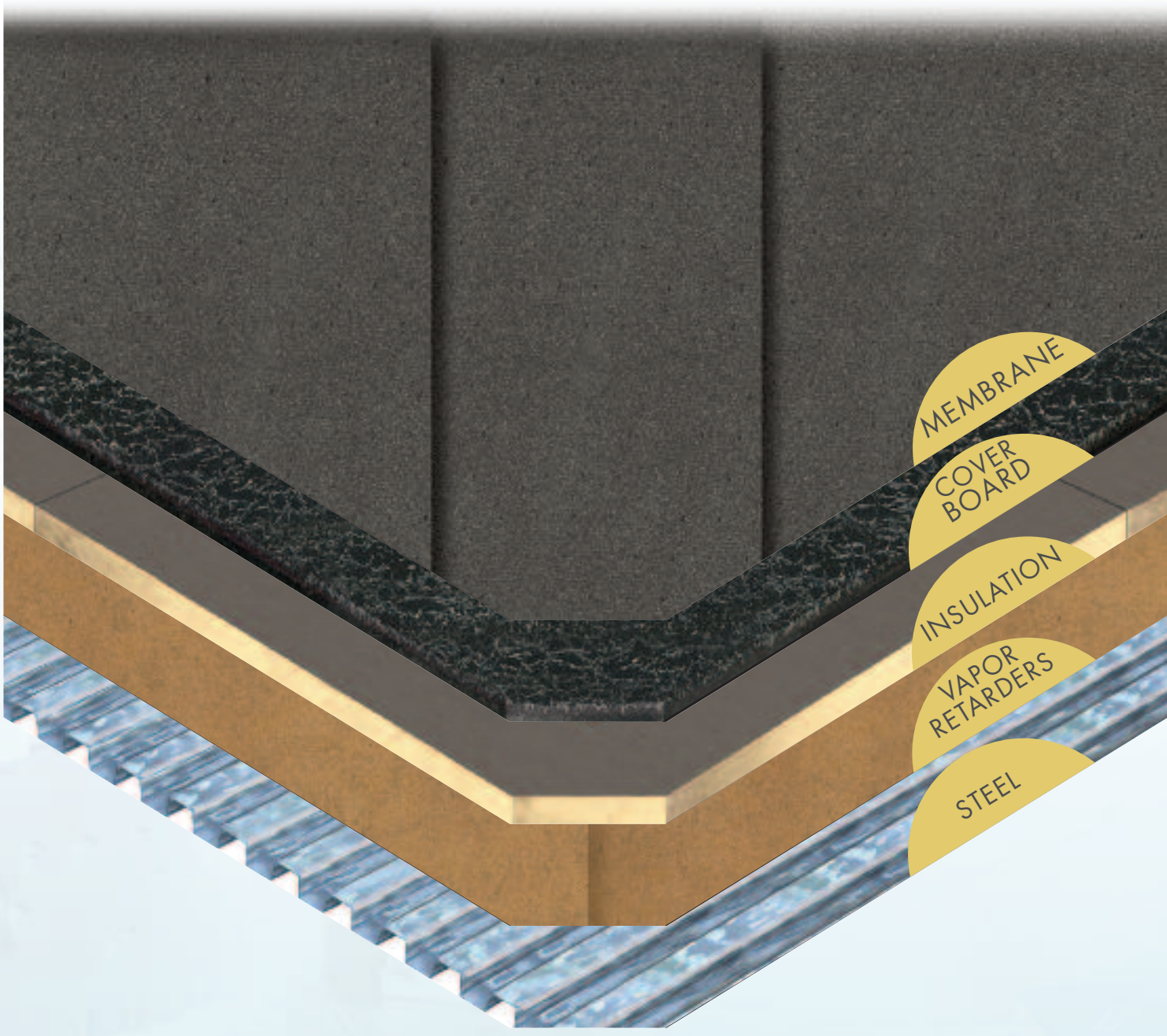
COMBINATION:

- 1 PLY NO. 15 PERF FELT
- & 4 PLIES TYPE IV

Glass ply sheets should be hot mopped at a rate of 25 lbs of asphalt per 100 sq.ft. plus or minus 20%. Organic ply sheets should be hot mopped at a rate of 20 lbs per 100 sq.ft. plus or minus 20%.

TECHNICAL BINDER REFERENCE

- 3.28, 3.29, 4.15.1, 9.14.1, 9.16.1, 9.17.1



COVER BOARD

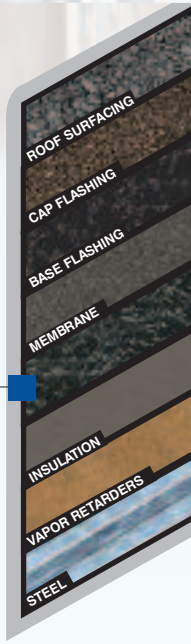
FIBERBOARD - Consisting of interlocking cellulose fibers bonded together by heat, pressure and premium asphalt resin, IKO High Density Sheathing and Roofboard is produced with a high density construction designed for an optimal strength-to-weight ratio and a low moisture absorption potential. In roofing applications, this product is used as a cover board over IKOTherm insulation, or as a cover board over existing roofing systems.

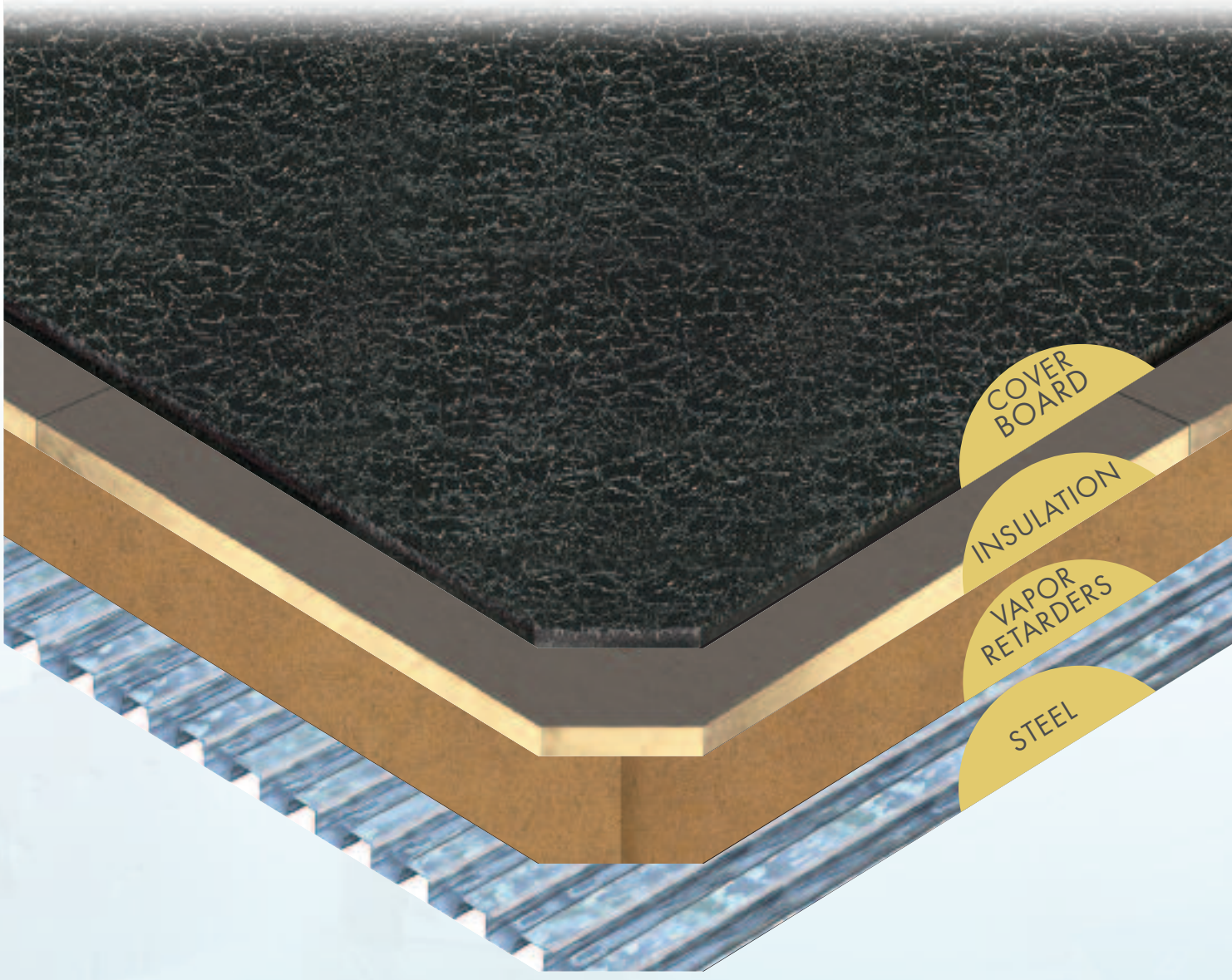
PROTECTOBOARD - Is composed of a mineral-fortified asphaltic core between two non-woven glass fiber mats. Protectoboard may be used as a cover board over IKOTherm insulation, as a re-cover board in a re-roof installation, or any other application where it is used as a new substrate for a modified bitumen or BUR roofing membrane.

NOTE: Can be mechanically attached, cold applied or hot mopped.

TECHNICAL BINDER REFERENCE

- 3.25 - 3.27, 4.11.1, 4.12.1, 6.11.1, 6.12.1





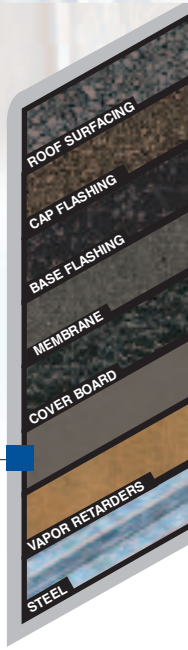
INSULATION

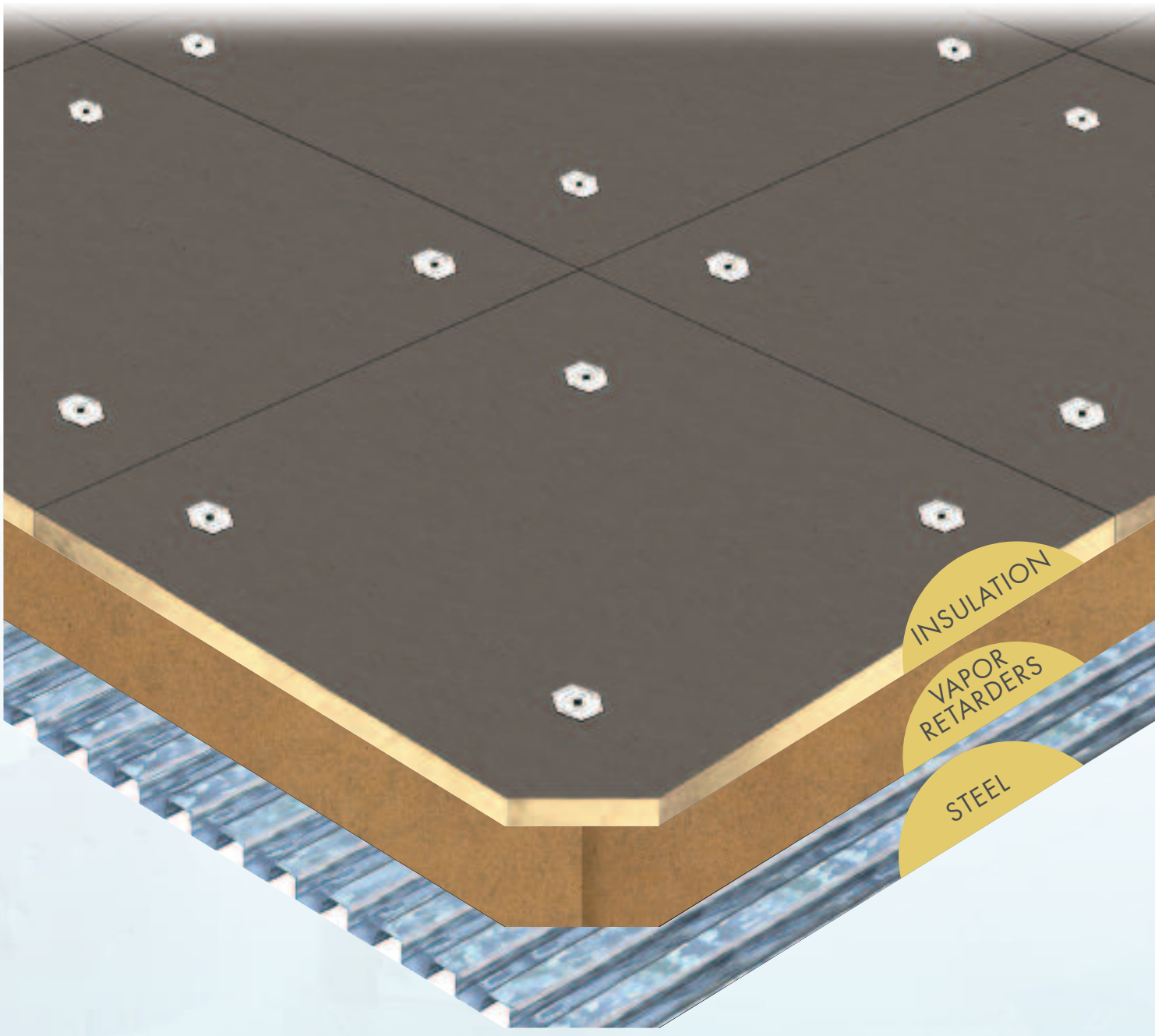
IKOTHERM - Is a rigid polyisocyanurate insulation with high thermal properties. It is constructed from a closed cell polyisocyanurate foam core bonded on each side to glass fiber reinforced facers during the manufacturing process.

NOTE: IKOTherm III with acrylic-coated facers and IKOTherm 25 psi are also available.
First layer must be mechanically attached or cold-applied with pre-approved adhesive by IKO, unless a thermal barrier is used. Subsequent layers can be mechanically attached, cold applied or hot mopped. Refer to IKO Commercial Technical Binder for fastening patterns.

TECHNICAL BINDER REFERENCE

- 3.25 - 3.27, 4.11.1, 4.12.1, 6.11.1, 6.12.1





VAPOR RETARDERS (CHOOSE ONE)

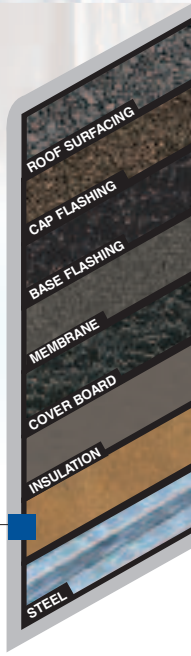
IKO MVP * - Is a self-adhering vapor retardant membrane. It is composed of modified rubber asphalt with a top surface film of high density cross laminated polyethylene. This product should not be applied at temperatures below -10°C.

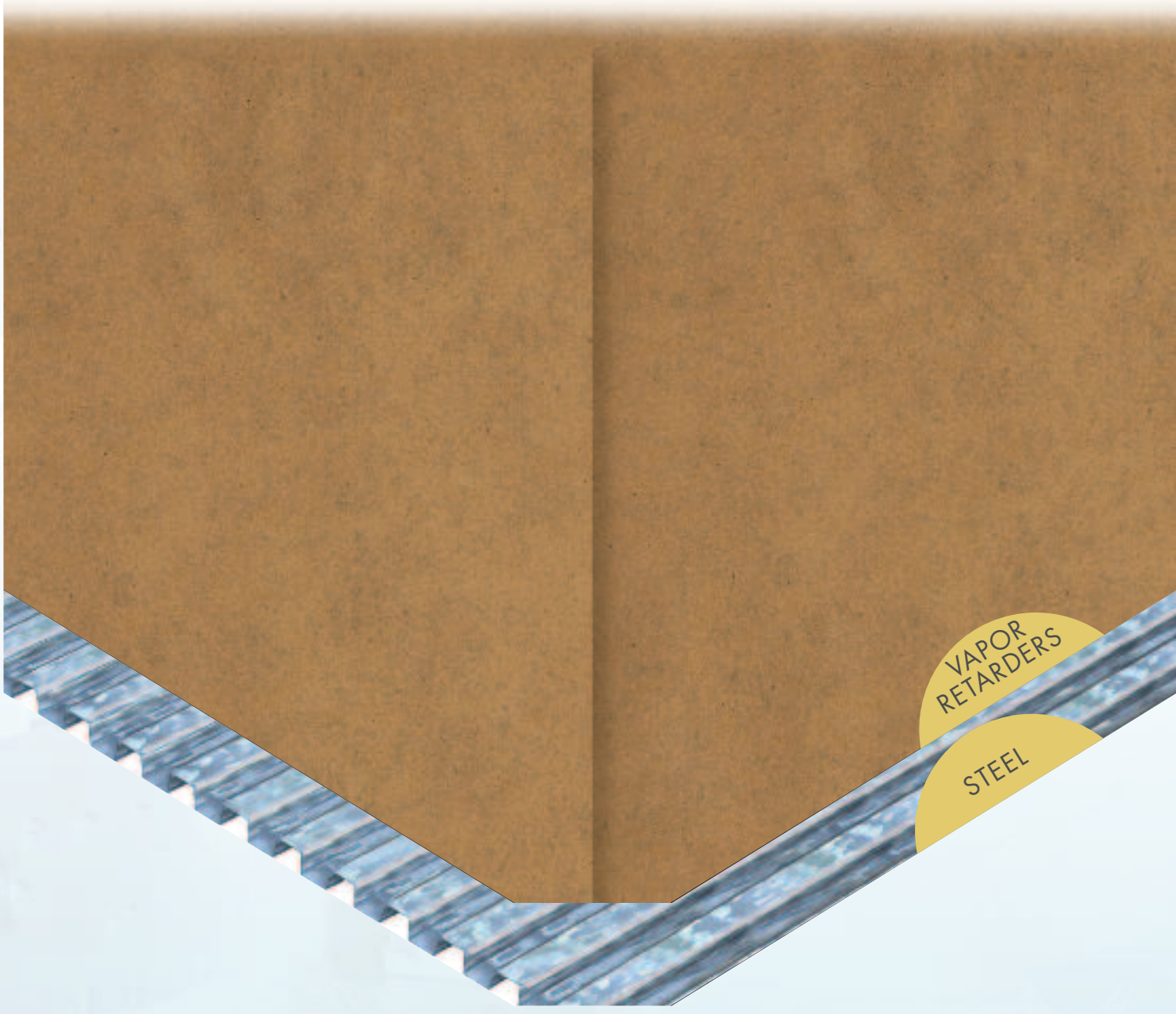
ARMOURGARD VAPOR RETARDANT ** - Composed of two layers of kraft paper bonded together with asphalt. Strands of fiberglass reinforcement are intertwined near each edge for added strength and tear resistance.

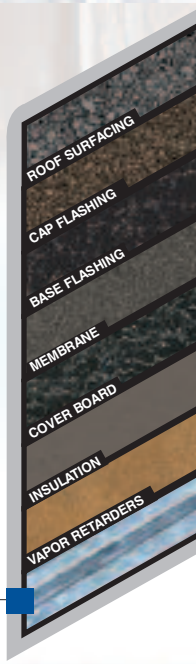
* Self-adhering membrane may require self-adhering primer.
** ArmourGard Vapor Retardant is adhered with ArmourGard Vapor Retardant Adhesive.

TECHNICAL BINDER REFERENCE

- 3.22, 4.081, 6.08.1, 9.08.1





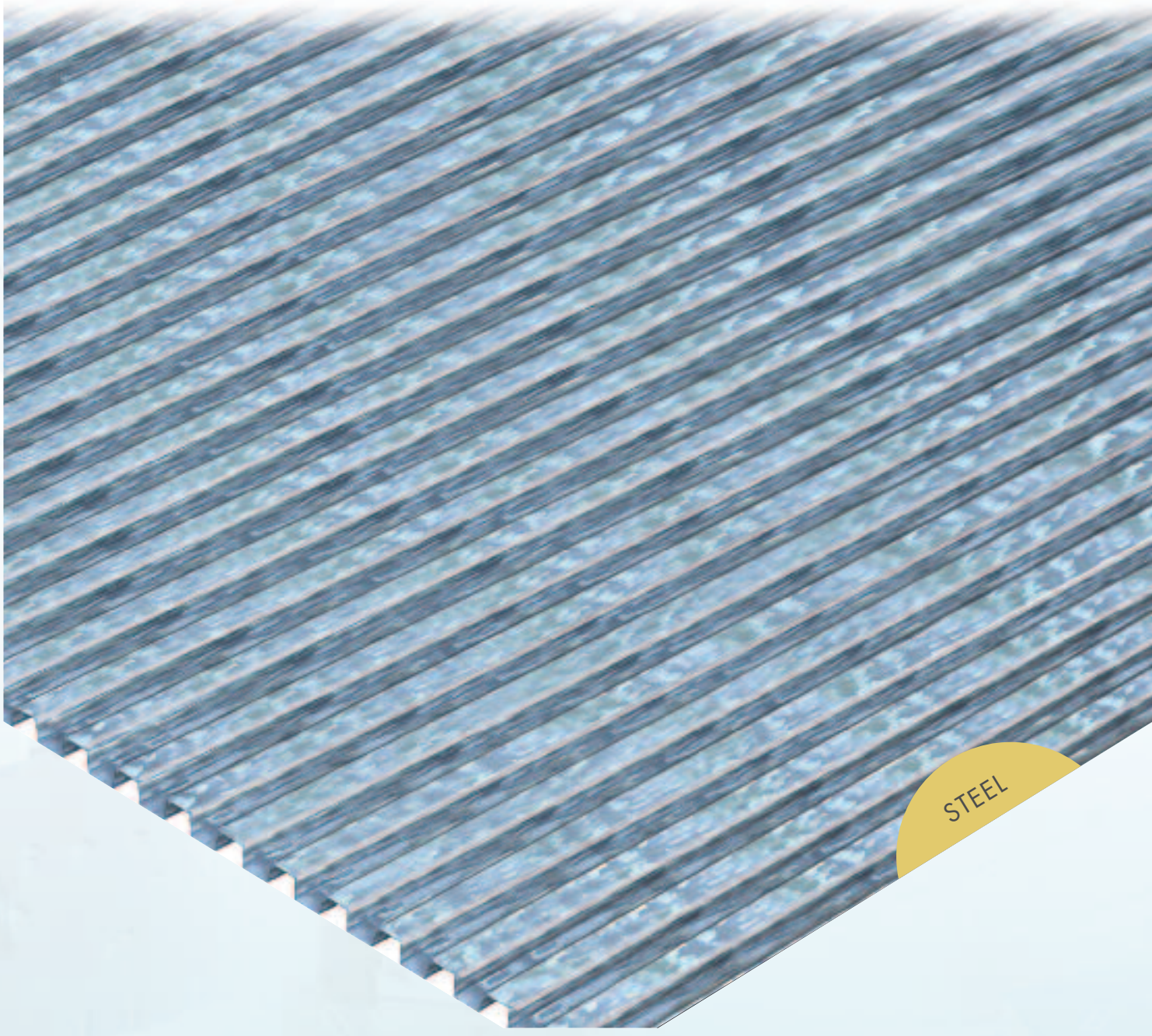


STEEL

STEEL DECKS - Must be a minimum of 22 gauge, manufactured from milled steel and be factory primed or galvanized to resist rusting.

TECHNICAL BINDER REFERENCE

- Steel - 3.11
- Roof Decks Re-Cover - 3.20, 4.07.1, 6.07.1, 9.07.1



Accessories, Options & Additional Considerations

TECHNICAL BINDER REFERENCE

Drainage - 3.09
Asphalt - 3.23, 4.09.1, 6.9.1, 9.09.1
Cant Strips - 3.33, 4.13.1, 6.13.1, 9.13.1
Wood Nailers - 3.24, 4.10.1, 6.10.1, 9.10.1
Expansion Joints - 3.21
Temporary Closures - 4.19.1, 6.19.1, 9.19.1
Sheet Metal - 3.38, 4.18.1, 6.18.1, 9.18.1
Roof Walkways - 3.35, 4.21.1, 6.21.1
Cap Sheet Repair - 4.20.1, 6.20.1

NOTE: Use of the above may or may not be applicable to your specific roof.

A properly designed and constructed roof deck, as well as the proper interrelationship of all building components are the responsibility of the architect, engineer and/or building owner. The density, moisture, integrity and other inherent elements of the deck must also be suitable to receive the roof. IKO is not responsible for any of the previously mentioned and IKO shall not assume responsibility for these issues under any circumstances.

Thank you for considering IKO Premium Roofing products.
For additional information on IKO's full line of superior Commercial/Indudtrial Roofing and Waterproofing products Please call: **1-800-361-5836**, or visit our web site at:

www.iko.com

Notes: The physical properties of the products described in this catalogue represent average typical results obtained by testing our products according to accepted industry test methods. These values are subject to normal manufacturing variations, and are supplied as a technical guideline only; they may be subject to change without notice. Current product specifications can be confirmed by contacting your local IKO technical Representative.

Also, the guide specifications contained herein are offered as general information for the design and installation of IKO roof assemblies. IKO Industries Limited is a supplier of materials, and we cannot assume liability for errors in roof design, engineering, or application.
The architect, contractor, and/or building owner's representative must verify all dimensions, details and suitability of roof design.

Notes: All values shown are approximate. Product and color availability subject to shipping area. The information in this document is subject to change without notice. IKO assumes no responsibility for errors that may appear in this document.