bondall

The solution.

BONDCRETE

- MINI -

APPLICATION GUIDE

THE PROVEN PERFORMER THAT NEVER LETS GO

REV 04/11

Certified System ™
Quality
ISO 9001
SAI GLOBAL

Excellence in Quality
SINCE 1951

Australian Made & Owned

BondCrete the proven performer has evolved since 1951 into the most versatile and reliable bonding and sealing agent available.

BondCrete contains an exclusive resin additive which ensures maximum bonding strength.

BondCrete in its undiluted form provides a ready to use, non toxic, non staining adhesive for carpentry, joinery and general craft work.

BondCrete is so strong there is seldom any need to hack chip or acid etch the surfaces to be bonded eg. Concrete, bricks, tiles, plaster, stone, timber, ceramics, metal, fabric etc.

BondCrete is a concentrated high solids product which allows in most applications a high dilution ratio, ensuring both unequalled economy and bond strength.

Please Note:

- Always apply **BondCrete** to clean surfaces free of oil, grease, mould, loose materials or any foreign matter.

- Do not use **BondCrete** in permanently wet or damp areas, except to make a cement slurry or diluted **BondCrete** is used as an admix to cement or sand/cement aggregate mixtures. For waterproofing applications in permanently wet areas eg. Pools, bathrooms etc. Please refer to the **HydroCrete SBR** application guide.

- Do not use **BondCrete** in temperatures below 10ºc. Bond-Crete is not recommended for bonding of plastic or rubber.

- Wash brushes and equipment immediately after use in clean running water. Replace the container lid immediately to maintain the quality of your **BondCrete**.

BondCrete undiluted

3.5m² per Litre

BondCrete diluted

BondCrete 4 : Water 1 $= 8m^2$ per Litre

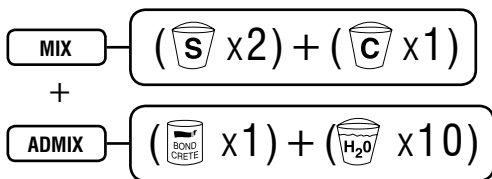BondCrete 1 : Water 1 $= 17.5m^2$ per Litre

BondCrete 1 : Water 4 $= 35m^2$ per Litre

ADMIX RATIO

BondCrete as an admix

BondCrete 1 : Water 10 is an ideal ratio as an admix to cement toppings, plaster concrete etc.

2 Litres of **BondCrete** diluted with 20 Litres of water is normally sufficient for mixing each 40 kg bag of cement.

$$\boxed{\text{MIX}} - \left((\text{S} \times 2) + (\text{C} \times 1) \right)$$
$$+$$
$$\boxed{\text{ADMIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{0} \times 10) \right)$$

SIZES AVAILABLE

Carpentry, joinery and craft use

250ml, 500ml - in craft sections of hardware stores.
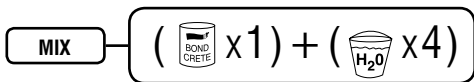
Consumer and trade use

1L, 4L, 15L, 20L - in trade sections of hardware stores.

Bulk orders

200L containers and bulk orders are available on request, contact **Bondall** on (08) 6272 3800 for more information.

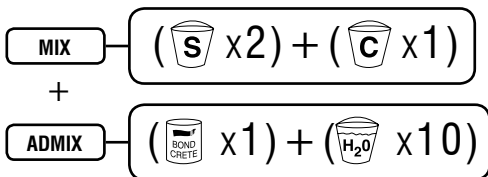## BONDCRETE for concrete floor topping over 6mm

Sealing

Apply a sealing coat of diluted BONDCRETE (BONDCRETE 1: WATER 4) and allow to dry.

$$\boxed{\text{MIX}} - \left(\left(\text{BONDCRETE} \times 1 \right) + \left(H_2O \times 4 \right) \right)$$

Bondcoat

Apply a bondcoat of diluted BONDCRETE (BONDCRETE 4: WATER 1), progressively as the toppings are being laid and avoid walking on the bondcoat.

$$\boxed{\text{MIX}} - \left(\left(\text{BONDCRETE} \times 4 \right) + \left(H_2O \times 1 \right) \right)$$
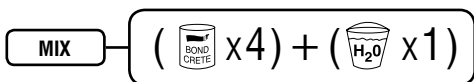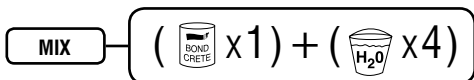
Topping

Apply topping while bondcoat is still "tacky". Suggested mix is (CLEAN SAND OR FINE AGGREGATE 2-3: CEMENT 1) mixed to a workable consistency with BONDCRETE admixture (BONDCRETE 1: WATER 10) in place of normal water.

$$\boxed{\text{MIX}} - \left(\left(S \times 2 \right) + \left(C \times 1 \right) \right)$$
$$+$$
$$\boxed{\text{ADMIX}} - \left(\left(\text{BONDCRETE} \times 1 \right) + \left(H_2O \times 10 \right) \right)$$

BONDCRETE for patching or laying up to 6mm topping on concrete floors and driveways.

Sealing

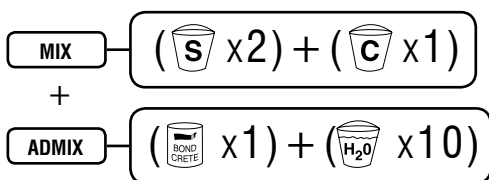Apply a sealing coat of diluted BONDCRETE (BONDCRETE 1: WATER 4) and allow to dry.

$$\boxed{\text{MIX}} - \left((\text{BONDCRETE} \times 1) + (\text{H}_2\text{0} \times 4) \right)$$

BondCoat

Apply a bondcoat of diluted BONDCRETE (BONDCRETE 1: WATER 1).

$$\boxed{\text{MIX}} - \left((\text{BONDCRETE} \times 1) + (\text{H}_2\text{0} \times 1) \right)$$
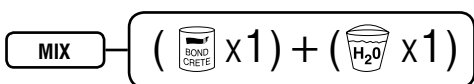
Topping

While the bondcoat is wet or tacky carry out patching or topping. Mix (CLEAN SAND 2 OR 3: CEMENT 1) mixed to a workable consistency with BONDCRETE admixture (BONDCRETE 1: WATER 10) in place of normal water. Avoid over troweling, do not over wet the mix.
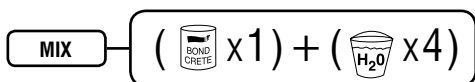
$$\boxed{\text{MIX}} - \left((\text{S} \times 2) + (\text{C} \times 1) \right)$$
$$+$$
$$\boxed{\text{ADMIX}} - \left((\text{BONDCRETE} \times 1) + (\text{H}_2\text{0} \times 10) \right)$$

BONDCRETE for patching concrete floors and driveways.

Preparation

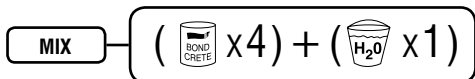Damaged areas to be patched should be keyed out to a minimum depth of 6mm.

Coating

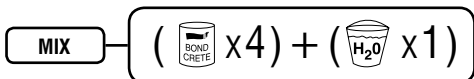Apply coat of diluted BONDCRETE (BONDCRETE 1: WATER 4) and allow to dry.

$$\boxed{\text{MIX}} - \left(\left(\text{BOND CRETE} \times 1 \right) + \left(\text{H}_2\text{O} \times 4 \right) \right)$$

Bondcoat

Apply a bondcoat of diluted BONDCRETE (BONDCRETE 4: WATER 1) and while wet apply the Patching Mortar.

$$\boxed{\text{MIX}} - \left(\left(\text{BOND CRETE} \times 4 \right) + \left(\text{H}_2\text{O} \times 1 \right) \right)$$

BONDCRETE for rendering onto smooth surfaces eg: beams and lintels where no key exists.

BondCoat

Apply 1 bond coat of diluted BONDCRETE
(BONDCRETE 4: WATER 1).

$$\boxed{\text{MIX}} - \left(\text{BOND CRETE} \times 4 \right) + \left(\text{H}_2\text{0} \times 1 \right)$$

Splash Coating

While the previous coat is still "tacky" apply one coat of
(CEMENT 1: SAND 1/4, FINE METAL SCREENINGS 2) mixed to
a "Splash Coat" consistency with diluted BONDCRETE (BOND-
CRETE 1: WATER 4).

$$\boxed{\text{MIX}} - \left(\text{C} \times 1 \right) + \left(\text{S} \times 1/4 \right) + \left(\text{MS} \times 2 \right)$$

$$+$$

$$\boxed{\text{ADMIX}} - \left(\text{BOND CRETE} \times 1 \right) + \left(\text{H}_2\text{0} \times 4 \right)$$
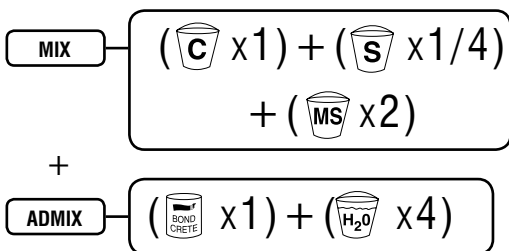
Rendering

Allow 24 hours before rendering using the specified cement render
mixed with BONDCRETE admixture (BONDCRETE 1: WATER 10) in
place of normal water.

$$\boxed{\text{RENDER}}$$

$$+$$

$$\boxed{\text{ADMIX}} - \left(\text{BOND CRETE} \times 1 \right) + \left(\text{H}_2\text{0} \times 10 \right)$$
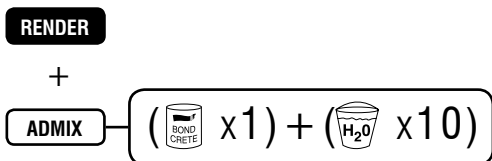
Notes

Unless specified the suggested render mix is 2 1/2 - 3 parts sand,
1 part cement mix to a workable consistency with diluted Bond-
crete Admixture.

BONDCRETE

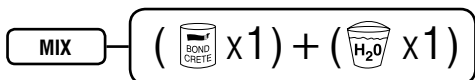## BONDCRETE for setting a cement coat to a rendered surface which is rough and requires refinishing.

Sealing

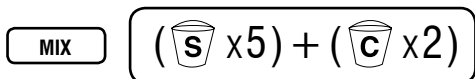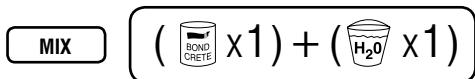Apply 1 sealing coat of diluted BONDCRETE
(BONDCRETE 1: WATER 4).

$$\boxed{\text{MIX}} \quad \left(\text{BONDCRETE} \times 1 \right) + \left(\text{H}_2\text{O} \times 4 \right)$$
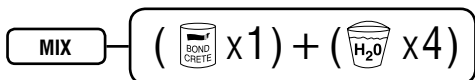
Bondcoat

a) To large holes and depressions apply a bondcoat of diluted
BONDCRETE (BONDCRETE 1: WATER 1)

$$\boxed{\text{MIX}} \quad \left(\text{BONDCRETE} \times 1 \right) + \left(\text{H}_2\text{O} \times 1 \right)$$

b) Whilst bondcoat is still tacky, fill with a mixture of
(SAND 5: CEMENT 2)

$$\boxed{\text{MIX}} \quad \left(\text{S} \times 5 \right) + \left(\text{C} \times 2 \right)$$
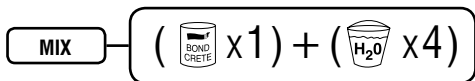
c) Add enough diluted BONDCRETE (BONDCRETE 1: WATER 4) to
make a mix workable consistency, fill any big holes and allow
to dry.

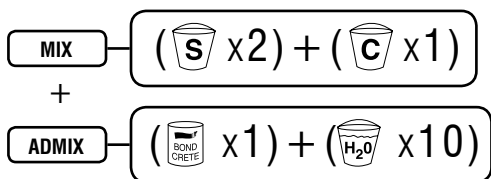$$\boxed{\text{MIX}} \quad \left(\text{BONDCRETE} \times 1 \right) + \left(\text{H}_2\text{O} \times 1 \right)$$

Treating & Refinishing

a) Treat the surface with diluted BONDCRETE
(BONDCRETE 1: WATER 4).

$$\boxed{\text{MIX}} \quad \left(\text{BONDCRETE} \times 1 \right) + \left(\text{H}_2\text{O} \times 4 \right)$$

b) Whilst this coat is still tacky apply mixture of (CEMENT 2:
SAND 1) with enough diluted BONDCRETE (BONDCRETE 1:
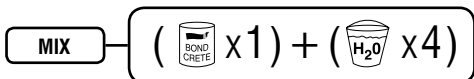WATER 4) to make a mix that can be troweled on 4mm thick.

$$\boxed{\text{MIX}} \quad \left(\text{S} \times 2 \right) + \left(\text{C} \times 1 \right)$$
$$+$$
$$\boxed{\text{ADMIX}} \quad \left(\text{BONDCRETE} \times 1 \right) + \left(\text{H}_2\text{O} \times 10 \right)$$

BONDCRETE

BONDCRETE for plaster setting onto concrete ceilings, walls, beams.

Sealing

Apply 1 sealing coat of diluted BONDCRETE
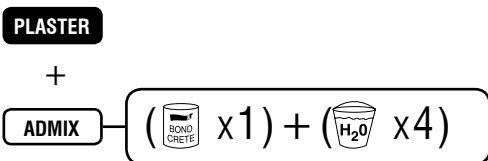(BONDCRETE 1: WATER 4) and allow to dry.

$$\boxed{\text{MIX}} \quad \left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 4 \right)$$

Coating & Plastering

a) Add one coat of diluted BONDCRETE
   (BONDCRETE 1: WATER 1).

$$\boxed{\text{MIX}} \quad \left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 1 \right)$$
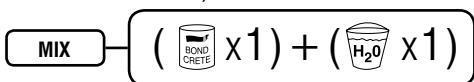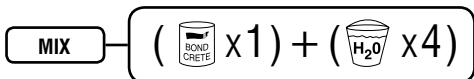
b) While this coat is still wet, plaster with Hard Wall Plaster mixed
   to required consistency with diluted BONDCRETE
   (BONDCRETE 1: WATER 4) in place of normal water.

PLASTER

$+$

$$\boxed{\text{ADMIX}} \quad \left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 4 \right)$$

BONDCRETE

## BONDCRETE for rendering onto painted surface.

Coating

To a sound painted surface which has been wire brushed apply one coat of diluted BONDCRETE (BONDCRETE 1: WATER 4) and allow to dry for 24 hours. Note: To ensure surface is sound do a tape test. Cut a cross cut into the painted surface and firmly press a quality masking take over the cross cut area, and pull off. If little or no paint is removed proceed. Do this over several areas to ensure integrity of painted surface.
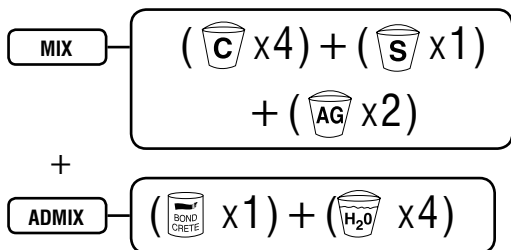
$$\boxed{\text{MIX}} - \left(\text{BOND CRETE} \times 1 \right) + \left(H_2O \times 4 \right)$$

Bondcoat

Apply a bondcoat of diluted BONDCRETE
(BONDCRETE 4: WATER 1).

$$\boxed{\text{MIX}} - \left(\text{BOND CRETE} \times 4 \right) + \left(H_2O \times 1 \right)$$
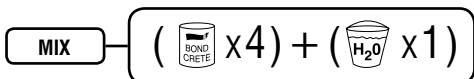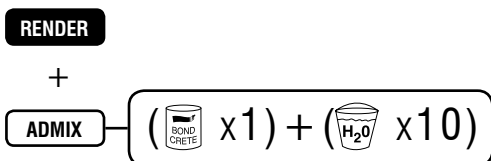
While this coat is still "tacky" apply one coat
(CEMENT 4: SAND 1: FINE AGGREGATE 2) mixed to a "Splash Coat" consistency with diluted BONDCRETE
(BONDCRETE 1: WATER 4).

$$\boxed{\text{MIX}} - \left(\text{C} \times 4 \right) + \left(\text{S} \times 1 \right) + \left(\text{AG} \times 2 \right)$$

$$+$$

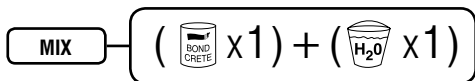$$\boxed{\text{ADMIX}} - \left(\text{BOND CRETE} \times 1 \right) + \left(H_2O \times 4 \right)$$

Rendering

Allow to dry for 24 hours before rendering using a specified cement Render with BONDCRETE admixture
(BONDCRETE 1: WATER 10) in place of normal water.

$$\boxed{\text{RENDER}}$$

$$+$$

$$\boxed{\text{ADMIX}} - \left(\text{BOND CRETE} \times 1 \right) + \left(H_2O \times 10 \right)$$

BONDCRETE for rendering onto masonry blocks.

Bondcoat

a) Apply bondcoat of diluted BONDCRETE
(BONDCRETE 1:WATER 1).

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{0} \times 1) \right)$$

b) While this coat is still tacky apply the Render using a Render
mixed with BONDCRETE admixture
(BONDCRETE 1: WATER 10) in place of normal water.

$$\boxed{\text{RENDER}}$$

$$+$$

$$\boxed{\text{ADMIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{0} \times 10) \right)$$
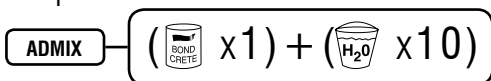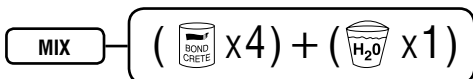
BONDCRETE

BONDCRETE for rendering onto steel form structural concrete.

Preparation

It is important to remove all Form Release Agents which have transferred from the Forms to the concrete.
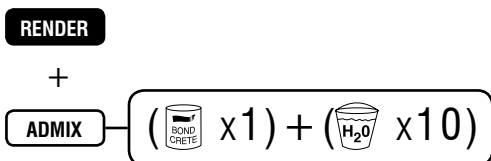
Sealing

Applying a sealing coat of diluted BONDCRETE (BONDCRETE 4: WATER 1).

$$\boxed{\text{MIX}} - \left(\boxed{\text{BOND CRETE}} \times 4 \right) + \left(\boxed{\text{H}_2\text{0}} \times 1 \right)$$

Rendering

While this coat is still wet or tacky apply the Render in the normal manner. For improved adhesion use a Render mixed with BOND-CRETE admixture (BONDCRETE 1: WATER 10) in place of normal water.

$$\boxed{\textbf{RENDER}}$$
$$+$$
$$\boxed{\text{ADMIX}} - \left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 10 \right)$$

BONDCRETE
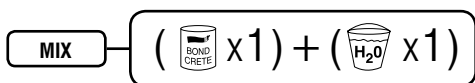
BONDCRETE for tiling concrete floors old or new.

Sealing

If either the Concrete or the back of the Tiles is porous, seal the porous surface with a sealing coat of diluted BONDCRETE (BONDCRETE 1: WATER 4) and allow to dry.
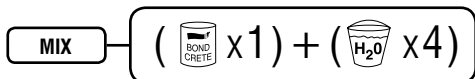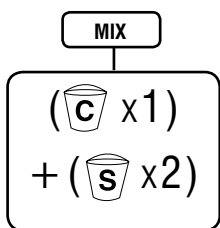
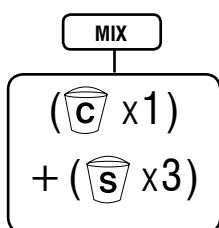$$\boxed{\text{MIX}} - \left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 4 \right)$$

Bondcoat

Apply a bondcoat of diluted BONDCRETE
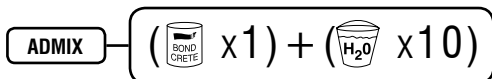(BONDCRETE 1: WATER 1) and lay the Bedding while this coat is still sticky.

$$\boxed{\text{MIX}} - \left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 1 \right)$$

Beddings up to 6mm	**Beddings over 6mm**
(cement 1 : Fine Sand 2)	(cement 1 : Fine Sand 3)
$\boxed{\text{MIX}}$	$\boxed{\text{MIX}}$
$\left(\boxed{\text{C}} \times 1 \right) + \left(\boxed{\text{S}} \times 2 \right)$	$\left(\boxed{\text{C}} \times 1 \right) + \left(\boxed{\text{S}} \times 3 \right)$

mixed to workable consistency with diluter BONDCRETE
(BONDCRETE 1: WATER 10) in place of normal water.

$$\boxed{\text{ADMIX}} - \left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 10 \right)$$

Screeding & Tiling

Screed Bedding to required level and bed the Tiles immediately.

Notes

Beddings must be fresh. Any Bedding Mix not used within 45 minutes of mixing should be discarded. Any Bedding Mix or grout containing BONDCRETE must be cleaned off the face of the tile before it dries. Floor tiles must be applied on full beddings only.
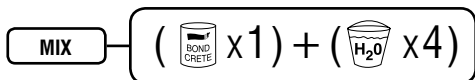
BONDCRETE

BONDCRETE for tiling to wall or floor sheeting, old or new compressed F.C Hardiflex, Versilux hard board, Chipboard or plaster board.

Preparation

Determine that the Sheeting used is suitable (i.e. Showers and Bathrooms should be sheeted in materials for wet areas).
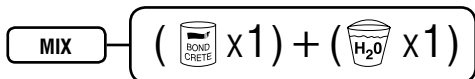
Sealing

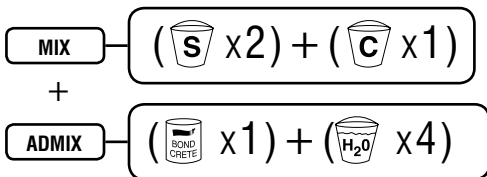Seal the sheet with a sealing coat of Diluted BONDCRETE (BONDCRETE 1: WATER 4) and allow to dry.

$$\boxed{\text{MIX}} - \left(\text{🥫}_{\text{BOND CRETE}} \times 1 \right) + \left(\text{🪣}_{H_2O} \times 4 \right)$$

Bondcoat

Apply a bondcoat of diluted BONDCRETE (BONDCRETE 1: WATER 1) to the dry sealed surface

$$\boxed{\text{MIX}} - \left(\text{🥫}_{\text{BOND CRETE}} \times 1 \right) + \left(\text{🪣}_{H_2O} \times 1 \right)$$
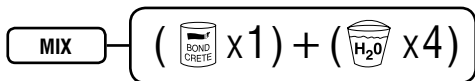
Whilst tacky apply a Bedding Mix (CEMENT 1: FINE SAND 2) mixed to a workable consistency with diluted BONDCRETE (BONDCRETE 1: WATER 4) in place of normal water.

$$\boxed{\text{MIX}} - \left(\text{Ⓢ} \times 2 \right) + \left(\text{Ⓒ} \times 1 \right)$$
$$+$$
$$\boxed{\text{ADMIX}} - \left(\text{🥫}_{\text{BOND CRETE}} \times 1 \right) + \left(\text{🪣}_{H_2O} \times 4 \right)$$

Tiling

If the Tiles have a porous back, coat the back with diluted BOND-CRETE (BONDCRETE 1: WATER 4) and bed while both of the Tiles and the Bedding Mix are wet.

$$\boxed{\text{MIX}} - \left(\text{🥫}_{\text{BOND CRETE}} \times 1 \right) + \left(\text{🪣}_{H_2O} \times 4 \right)$$

Notes

Beddings must be fresh. Any Bedding Mix not used within 45 minutes of mixing should be discarded. Any Bedding Mix or grout containing BONDCRETE must be cleaned off the face of the tile before it dries. Floor tiles must be applied on full beddings only.
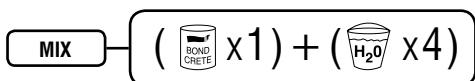
BONDCRETE

BONDCRETE for tiling clay brick or masonry block walls.

Preparation

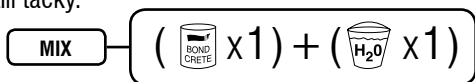Point up the Mortar Courses to bring them flush with the surface.

Sealing

If either the Concrete or the back of the Tiles or Porous, seal the porous surface with diluted BONDCRETE
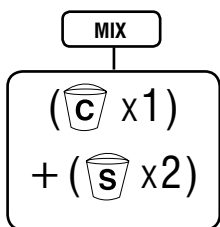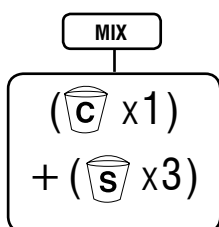(BONDCRETE 1: WATER 4).

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{O} \times 4) \right)$$

Bondcoat

Apply a bondcoat of diluted BONDCRETE
(BONDCRETE 1: WATER 1) and lay the Bedding while this coat is still tacky.

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{O} \times 1) \right)$$

Beddings up to 6mm

(cement 1 : Fine Sand 2)

$$\boxed{\text{MIX}}$$
$$(\text{C} \times 1) + (\text{S} \times 2)$$

Beddings over 6mm

(cement 1 : Fine Sand 3)

$$\boxed{\text{MIX}}$$
$$(\text{C} \times 1) + (\text{S} \times 3)$$

Bondcoat

Mixed to workable consistency with diluted BONDCRETE
(BONDCRETE 1: WATER 6) in place of normal water.

$$\boxed{\text{ADMIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{O} \times 6) \right)$$
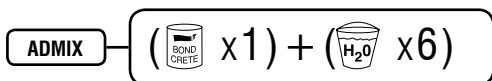
Screeding & Tiling

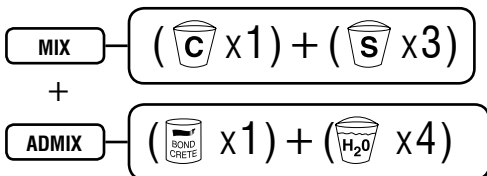Screened Bedding to require level and bed the Tiles immediately.

BONDCRETE

BONDCRETE for tile grouting.

Preparation

Porous tiles should be thoroughly wet down before grouting to prevent the colouring materials entering the face of the tiles.

Grouting

Prepare a Grouting Mix (CEMENT 1: SAND 3) with BONDCRETE admixture (BONDCRETE 1: WATER 10). This mix can be coloured with iron oxides if required.

$$\boxed{\text{MIX}} \quad (\boxed{C} \times 1) + (\boxed{S} \times 3)$$

$$+$$

$$\boxed{\text{ADMIX}} \quad (\boxed{\substack{\text{BOND} \\ \text{CRETE}}} \times 1) + (\boxed{H_2O} \times 4)$$

Notes

Beddings must be fresh. Any Bedding Mix not used within 45 minutes of mixing should be discarded. Any Bedding Mix or grout containing BONDCRETE must be cleaned off the face of the tile before it dries.

Floor tiles must be applied on full beddings only.

BONDCRETE

BONDCRETE for bonding quarry or ceramic tiles to timber floors.

Preparation

Ensure boards are securely nailed.

Sheeting

Sheet the floor with compressed F.C Sheeting. If a waterproof deck is required all sheet joints should be sealed with a flexible Caulking compound. Use sufficient nails to prevent any flexing in the sheet.
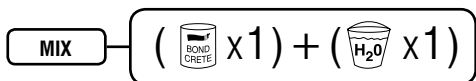
Sealing

Apply a sealing coat of diluted BONDCRETE
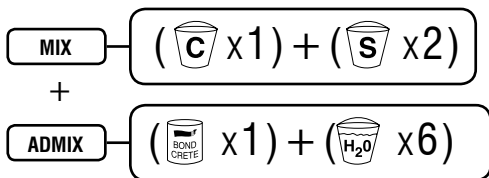(BONDCRETE 1: WATER 4) to the sheeted floor and allow to dry.

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{O} \times 4) \right)$$
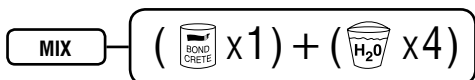
Bondcoat & Bedding

Apply a bondcoat of diluted BONDCRETE
(BONDCRETE 1: WATER 1) to the surface.

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{O} \times 1) \right)$$

While this coat is still "tacky" lay a Bedding Mix (CEMENT 1: CLEAN SAND 2) mixed to the workable consistency with diluted BONDCRETE (BONDCRETE 1: WATER 6) in place of normal water. Screen the Bedding Mix to the required level.

$$\boxed{\text{MIX}} - \left((\text{C} \times 1) + (\text{S} \times 2) \right)$$
$$+$$
$$\boxed{\text{ADMIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{O} \times 6) \right)$$

Tiling

If the tiles have porous back, coat the back with diluted BONDCRETE (BONDCRETE 1: WATER 1) and bed while both the Tiles and the Bedding Mix are still wet.

Notes

Tile joints should be placed to correspond with the joints in the sheets so that any movement in the floor will be on the grout lines rather than cracking the tiles.
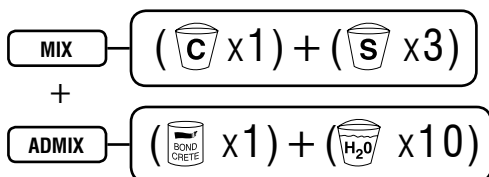
BONDCRETE for clear proofing to interior face brick-work, stonework, decorative render etc.

Preparation

Surface should be cleaned by the appropriate method to remove any staining that will be visible through the transparent coating such as cement residue, efflorescence, timber stains, rust marks, mould, fungus, oil and grease.
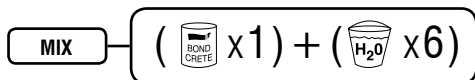
Pointing

If desired point up holes in mortar lines using a mix (CEMENT 1: SAND 3) and enough BONDCRETE admixture (BONDCRETE 1: WATER 10) to make required consistency.

$$\boxed{\text{MIX}} - \left((\boxed{C} \times 1) + (\boxed{S} \times 3) \right)$$
$$+$$
$$\boxed{\text{ADMIX}} - \left((\boxed{\text{BOND CRETE}} \times 1) + (\boxed{\text{H}_2\text{0}} \times 10) \right)$$

Sealing

While surface is damp but not wet, apply a sealing coat of diluted BONDCRETE (BONDCRETE 1: WATER 6). Allow to dry for at least 24 hours.

$$\boxed{\text{MIX}} - \left((\boxed{\text{BOND CRETE}} \times 1) + (\boxed{\text{H}_2\text{0}} \times 6) \right)$$

Sealing

Apply a second sealing coat of diluted BONDCRETE (BONDCRETE 1: WATER 4) to the DRY surface. If considered necessary a third coat may be applied the following day.

$$\boxed{\text{MIX}} - \left((\boxed{\text{BOND CRETE}} \times 1) + (\boxed{\text{H}_2\text{0}} \times 4) \right)$$
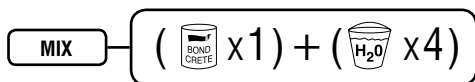
BONDCRETE as a sealer and key to porous surfaces before applying water borne decorative paints.

Sealing

One sealing coat of diluted BONDCRETE
(BONDCRETE 1: WATER 4) will provide an excellent Sealer or Key when applied to new or old Cement Rendered Walls, Plaster etc, before using water borne Decorative Paints (see paint manufacturers instructions). This Sealer is inexpensive and you will use less Paint. Allow 24 hours to dry. Do not attempt to apply oil based paints over BONDCRETE.

$$\boxed{\text{MIX}} - \left(\left(\boxed{\text{BOND CRETE}} \times 1 \right) + \left(\boxed{\text{H}_2\text{0}} \times 4 \right) \right)$$
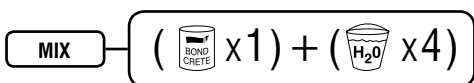
BONDCRETE

BONDCRETE as an adhesive for carpentry, joinery and general craftwork.

Adhesive

Apply direct from container to one surface only. Press surfaces together and lightly clamp. BONDCRETE sets in approximately 30 minutes. Maximum strength is attained in 12 hours.

## BONDCRETE for dust proofing and/or retarding oil penetration of interior concrete floors.

Sealing

To a thoroughly clean floor apply with a Broom, Brush or Roller, a sealing coat of diluted BONDCRETE (BONDCRETE 1: WATER 6). Leave to dry for approximately 12 hours.

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{0} \times 6) \right)$$
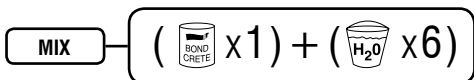
Sealing

Apply another sealing coat of diluted BONDCRETE (BONDCRETE 1: WATER 4) and allow to dry.

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (\text{H}_2\text{0} \times 4) \right)$$
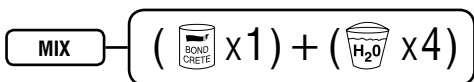
Sealing

A third coat maybe added for better oil retardation. BONDCRETE will dry clear; binding surface particles together and produce a very pleasing smooth hard surface.

Notes

Do not seal floor with BONDCRETE if you intend to utilize an oil based paving paint or similar floor.

BONDCRETE cement paint.

Adhesive

Oil, grease, mould and loose material should be removed prior to application. Mix only sufficient material that can be used in 40 minutes and allow to dry over night. Seal surface with diluted BONDCRETE (BONDCRETE 1: WATER 4).

$$\boxed{\text{MIX}} - \left(\text{BOND CRETE} \times 1 \right) + \left(\text{H}_2\text{0} \times 4 \right)$$
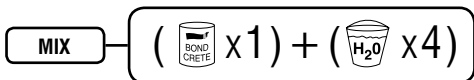
Cement Painting

Mix diluted BONDCRETE (BONDCRETE 1: WATER 2) with 3 parts fresh Cement and apply by Roller to a lightly dampened surface to clean up old discoloured Concrete. Add oxide for coloured finishes.

$$\boxed{\text{MIX}} - \left(\text{BOND CRETE} \times 1 \right) + \left(\text{H}_2\text{0} \times 2 \right) + \left(\text{C} \times 3 \right)$$
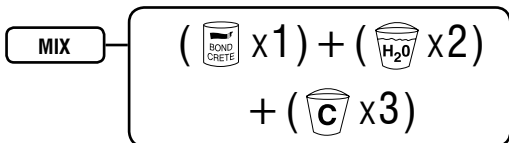
BONDCRETE

BONDCRETE as a premium limewash.

Sealing

Surfaces to be coated with limewash should be sealed with diluted BONDCRETE (BONDCRETE 1: WATER 4).

$$\boxed{\text{MIX}} - \left(\left(\text{BOND CRETE} \times 1 \right) + \left(\text{H}_2\text{O} \times 4 \right) \right)$$
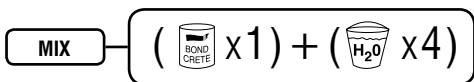
This should be allowed to dry properly before limewash is applied.

Limewash

For approximately 20 litres of limewash: To 13L water in 20L plastic pail, add 4L Bondcrete and mix well. Slowly add 6kg lime, which has been sieved through a fine mesh and mix well to a smooth paste with a broad blade. Next add 200mL mineral turpentine and stir well to obtain a smooth consistency.

Next add 1L of water and stir thoroughly to give a smooth easily mixed light gel, which gives better brush penetration. Pastel colours can be obtained by the addition of oxide pigments at about 25 grams per litre of mix depending on shade required. The pigment should be well mixed to a smooth paste consistency in a small quantity of limewash prior to addition.

Limewash should be allowed to stand preferably overnight and remixed prior to use. Some settlement is to be expected but this is easily remixed. Easier application of the second or subsequent coats and reduced cracking is achieved by damping down the surface with clean water.

Coverage 8-10 square metres per litre, depending upon surface.

BONDCRETE

BONDCRETE for bedding mortars for roofing tiles, ridge caps and other glazed masonry, terracotta and earthenware type surfaces.

Bedding

Using diluted BONDCRETE (BONDCRETE 1: WATER 6) prepare a Sand and Cement Mortar and use for Bedding, Pointing, Patching and Jointing. Colour with Oxides if required.
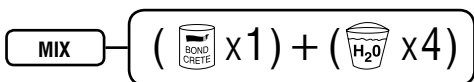
$$\boxed{\text{MIX}} - \left(\left(\boxed{\underset{\text{CRETE}}{\text{BOND}}} \times 1 \right) + \left(\boxed{H_2O} \times 6 \right) \right)$$
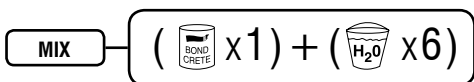
BONDCRETE to resurface old wooden sills and step treads affected by weathering etc.

Sealing

Apply a sealing coat of diluted BONDCRETE
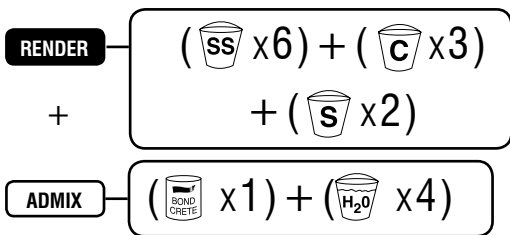(BONDCRETE 1: WATER 4) and allow to dry.

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (H_2O \times 4) \right)$$

Bondcoat

Apply a bondcoat of diluted BONDCRETE
(BONDCRETE 4: WATER 1)

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 4) + (H_2O \times 1) \right)$$
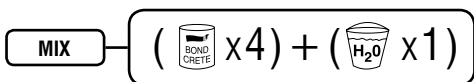
While this coat is still wet, prepare a mixture (SANDPAPER SAWDUST 6: CEMENT 3 : SAND 2) mixed to rendering consistency with diluted BONDCRETE (BONDCRETE 1: WATER 4). Apply it with a Steel Trowl. Finish off with a Wooden Float and lightly trowel to a smooth finish. Allow to dry.
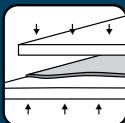
$$\boxed{\text{RENDER}} - \left((\text{SS} \times 6) + (\text{C} \times 3) + (\text{S} \times 2) \right)$$

$$+$$

$$\boxed{\text{ADMIX}} - \left((\text{BOND CRETE} \times 1) + (H_2O \times 4) \right)$$

Brushcoat

Apply a brushcoat of diluted BONDCRETE
(BONDCRETE 1:WATER 4).

$$\boxed{\text{MIX}} - \left((\text{BOND CRETE} \times 1) + (H_2O \times 6) \right)$$
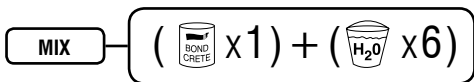
BONDCRETE

SEALING, BINDING & DUSTPROOFING

CARPENTRY, JOINERY & CRAFTWORK

RENDERING, PLASTERING & TILE FIXING

TOPPING PATCHING AND REPAIRING

ADMIX FOR CEMENT RENDERS, MORTARS & PLASTERS

bondall
The solution.

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