



EVO-BOND

PRODUCT DATA SHEET

A polyvinyl acetate based universal adhesive and sealer for the building and construction industries. Ideal for plasterers, joiners, brick layers, painters and decorators.

EVO-BOND can bond a whole variety of materials as long as at least one of the surfaces has some degree of porosity. It can be used as a sealer, a primer, a surface coat or an admixture.

USAGE

- For bonding soft and hardwood timbers, plywood, block-board, chip board and fire board.
- For bonding cellular plastic such as insulating boards made from foamed polyurethane, expanded polystyrene, phenolic or isocyanate foams.
- For bonding asbestos cement sheet, brick, concrete, slate, stone, glass, ceramic tiles, painted steel, aluminium, paper, cloth, leather and other fabrics.
- As a tie-coat for repairing cement based surfaces such as cracked or chipped floors, walls, steps.
- As a sealer for floors and a primer for porous substrates.
- As an additive for sand/cement slurry for filling cracks and other small repairs.
- As an additive for wood dust for patching up surface defects in wood.

EVO-BOND is not suitable for use in wet or damp conditions. It is not recommended for exterior situations, for sustained load requirements or where bond failure is liable to cause structural failure or personal injury through failing masonry.

PHYSICAL DATA

- **Product Code:** 8000
- **Colour :** White milky liquid which dries to a clear film.
- **Consistency :** Viscous Liquid
- **Flash Point :** Not Applicable
- **Shelf Life :** 12 months
- **Packing :** 20 L, 5 L, 2 L, 1 L, 250 ml, 500 ml.

Paints should be stirred before use and occasionally whilst in use.
Contact your supplier for further information.

APPLICATION

- **Surface preparation** : Surfaces to be sealed, coated or bonded must be clean, dry, free from oil and dust.
- **Application method** : **EVO-BOND** may be applied by brush, roller, comb-spreader, putty knife or other suitable methods as convenient. All bonding must be carried out while **EVO-BOND** is wet or tacky. Where it is used as a priming or sealing coat it must be allowed to dry before further applications.
- **Dilution** : Dilute with water as required.
- **Spreading rate** : When used as a primer sealer, tie-coat or surface coat **EVO-BOND** will cover between 5 and 10 m² per litre depending upon the level of dilution. When used as an adhesive, the consumption may vary between 2 and 5 m² per litre depending upon the dilution and or the porosity of the substrate.
- **Drying time** : When used as a primer, sealer or surface coat, **EVO-BOND** will be touch-dry after approximately 30 minutes and hard-dry after 12 hours. When used as an adhesive, adequate bond strength is achieved after 24 hours.
- **Cleaning solvent** : Use water before the **EVO-BOND** has dried.

SOME HINTS ON HOW TO USE EVO-BOND

CONCRETE AND MORTAR APPLICATION

- **Concrete repair** :
 - * Prime by brush 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.
 - * Apply 3 parts **EVO-BOND** mixed with 1 part water, while still wet or tacky apply normal concrete mix.
- **Filling cracks or defects**
 - * Prime by brush using 1 part of **EVO-BOND** mixed with 5 parts water, allow to dry.
 - * Prepare a cement / sand mixture and add a blend of 1 part **EVO-BOND** and 1 part water to obtain the required paste for crack filling.
- **Sealing concrete floors**
 - * Apply by brush 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.
 - * Apply a second coat of the above-mentioned blend and allow 8 to 12 hours drying before normal traffic.
- **Plastering over porous background (old plaster, concrete, brick work)**
 - * Primer by brush with 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.

- * Apply 3 parts **EVO-BOND** with 1 part water, while still wet or tacky apply normal plaster mix.

- **Plastering over non-porous surfaces (glazed tiles, gloss paint, etc..)**

- * Prime by brush with 1 coat of undiluted **EVO-BOND**, while still wet or tacky apply normal plaster.

Note : Under humid conditions, allow 3 days between successive coats of plaster, under dry ambient conditions 24 hours will be sufficient.

TILING

- **Bonding screed (up to 9 mm thick) to existing floor (quarry tiles, bricks, terrazzo or concrete).**

- * Prime floor by brush using 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.
- * Apply by brush 3 parts **EVO-BOND** mixed with 1 part water, while still wet or tacky apply normal cement / sand screed and allow to cure slowly for the first two days by keeping surface moist.

- **Floor tiling onto cement floor**

- * Prime floor by brush using 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.
- * Prepare normal cement / sand bedding mortar.
- * Apply by brush 3 parts **EVO-BOND** mixed with 1 part water to primed floor AND to tile base, while still wet apply bedding mortar and fix the tiles immediately.

- **Repairing tiles (other than roof tiles)**

- * Prime by brush using 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.
- * Apply undiluted **EVO-BOND** to both surfaces, bond while still wet or tacky.

WOOD WORKING

- **Bonding softwoods, hardwoods, plywood, chip board and block board.**

- * Prime both surfaces by brush using 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.

- * Apply 5 parts **EVO-BOND** mixed with 1 part water to one surface, while still wet or tacky, bond the two surfaces using even pressure until set.
- * Normal setting time is approximately one hour, maximum strength approximately 24 hours.

Note : For bonding END GRAINS use the same procedure as above **except** prime with 5 parts **EVO-BOND** mixed with 1 part water.

PAINTING AND DECORATING

- **Filling cracks or defects.**
 - * Detailed previously.
- **Priming porous substrates.**
 - * Prime by brush using 1 part **EVO-BOND** mixed with 5 parts water, allow to dry.
 - * Repeat if required and when dry, surface may be painted or decorated.
- **Bonding expanded polystyrene, veneer or Aluminium foil to smooth porous substrates.**
 - * Apply by brush 5 parts **EVO-BOND** mixed with 1 part water, while still wet or tacky make contact and apply sufficient pressure to ensure adequate bond.
- **Bonding fabrics, carpet, hessian, canvas, etc..**
 - * Apply undiluted **EVO-BOND** to both surfaces and bond while still wet or tacky using moderate hand pressure.
- **Leather or fabric supported substitute.**
 - * Prime by brush 1 part **EVO-BOND** mixed with 1 part water, allow to dry.
 - * Repeat step as for bonding fabrics.

SAFETY

- **EVO-BOND** can be safely used in rooms that will be occupied the following day or where food stuff are stored or processed.

- Wear adequate protective equipment during application, remove splashes from skin with soap and water. In case of contact with eyes, rinse with ample water and seek medical advice if necessary.
- Ensure good ventilation during application and drying.
- Keep containers tightly closed and away from children.

MAINTENANCE

Surfaces prepared and painted according to specification will provide lasting protection and will facilitate maintenance. Carry out repairs as and when required and wash the surface occasionally; use mild detergent and light scrubbing to remove stains.

These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

May 1996