



SEALOCRETE PLA LTD Greenfield Lane
Rochdale OL11 2LD Tel: 01706 352255, Fax 01706 860880

CI/SfB

TECHNICAL DATA SHEET TDS094
PUBLISHED FEBRUARY 2005

RAPID SET FLOOR AND WALL TILE ADHESIVE

DESCRIPTION

RAPID SET FLOOR AND WALL TILE ADHESIVE is a fast setting, cement based ceramic tile adhesive. It is waterproof and suitable for thick or thin bed applications, internally or externally. Using RAPID SET FLOOR AND WALL TILE ADHESIVE enables same day fixing and grouting, as the cure time at normal temperatures is around 3 hours.

For applications where some movement of the substrate may be expected, FLEXIBLE RAPID SET FLOOR AND WALL TILE ADHESIVE should be considered.

USES

This ceramic tile adhesive is a heavy duty powder for fixing floor tiles to concrete, concrete block, cement render or brick and with suitable primers to gypsum plaster, plasterboard, chipboard, wood, existing glazed ceramics or vinyl tiles. It can also be used for fixing wall tiles, ceramic and glass mosaics, stone marble, pre-cast concrete facings, terrazzo and brick slips. Suitable for use in swimming pools.

ADVANTAGES

- * Easy to mix and apply
- * Fast cure time – grouting can be carried out after 3 – 4 hours.
- * High initial grab with non-slump and non-slip properties
- * Meets the requirements of BS5890 for Type 1 Class AA Adhesive

TECHNICAL DATA

Colour	White or Grey
Coverage	For thin solid bed applications (3 mm thickness) 4 kg will cover approximately 1m ²

PACKAGING

Available in 5kg, 10kg, and 20kg bags.

METHOD OF USE

Preparation of Surfaces

All surfaces must first be prepared properly. They must be sound, dimensionally stable, clean, free from dust, oil, grease, flaking paint, fungus and laitance. Do not use where there is any surface moisture. New concrete should be allowed to cure for 28 days before tiling.

PLASTER

Must be dry and at least four weeks old before tiling. Do not use if the underlying surface is subject to continuous damp. Prime the plaster with 1 part SEALOBOND PVA to 5 parts water and allow to dry overnight.

GLAZED CERAMIC, VINYL TILES AND BRICK

Should be abraded to ensure adequate key and primed with a suitable bonding agent.

WOOD, CHIPBOARD, PLYWOOD

Should only be tiled when it is used inside, securely fixed (screwed at 300mm centres) primed before use and not subject to damp conditions.

PAINTED SURFACE

We recommend removing any paint from surfaces to be tiled. Paint may be tiled over only when it is very soundly adhered and is not softened by water. Many paints are deteriorated when covered by cement based materials.

Do not use at temperatures below 5°C.

Mixing and Application

Add the powder gradually to a container that has clean water in it, mix thoroughly to obtain a lump free creamy paste. Use approximately 1 part water to 4 parts powder by weight or 1 part water to 3 parts powder by volume. The product will set in 3 – 4 hours at temperatures of around 20°C.

No further water should be added after mixing. The addition of Flexible Additive is strongly recommended for use in areas subject to slight movement and vibration.

FOR THIN BED APPLICATIONS spread mixed mortar in an even layer with flat edged trowel to about 3mm thick. Lightly score with notched trowel just before pressing tile into place. Position may be adjusted for around 10 minutes after initial fixing. Open time (time to allow for fixing tiles on surface spread with mortar) is approx. 20 minutes.

FOR THICK BED APPLICATION spread mixed mortar evenly to thickness of approx. 6mm. For floors, external use and in situations where damp conditions will prevail (ie: patios, swimming pools, showers) it is advisable to 'butter' backs of tiles to ensure solid bed fixing. Tiles with ribbed, uneven

or keyed backs should be 'battered' to ensure all voids are filled. If voids are left after tiling is completed, water will collect in them in freezing temperatures, the ice will force the tiles off. Cracks in floor tiles can occur if they were not firmly fixed with an even layer of adhesive to support them.

GROUTING Use a cement based or Epoxy grout when tiles are firm, usually within 24 hours at normal room temperature.

STORAGE

If stored in a cool dry place in original unopened bags, the shelf life is 6 months. Once opened, use material as soon as possible.

HANDLING

Keep out of reach of children. Avoid inhaling dust. If material enters the eyes wash out immediately with clean water. Possible irritation of skin can be prevented by washing off promptly and wearing suitable gloves. For further information please refer to the relevant Health and Safety Data Sheet.

We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.

