



ALCOLIN FLEXI-TILER

Description

ALCOLIN FLEXI-TILER is a flexible, fast grab, non-slip, ready mixed, thin-bed tile adhesive for light duty applications onto internal and sheltered external walls and floors. It is particularly suited for laying of tiles onto flexible dimensionally unstable surfaces



Features & Benefits

- Ready to use – no complex mixing
- Excellent adhesion – bonds tiles to a wide variety of surfaces
- Excellent flexibility – bonds tiles onto flexible, dimensionally unstable surfaces
- Good anti-slump properties – can apply onto vertical surfaces
- Excellent workability – easy to spread
- Good wet tack – holds tile instantly in place with no skip

Applications

- ALCOLIN FLEXI-TILER is suitable for fixing lightweight ceramic, brick, mosaic, stone and clay tiles, to flexible surfaces such as primed timber and chipboard, pre-primed corrosion-free metal surfaces as well as plaster, concrete, primed cement fibreboard and primed gypsum plaster
- ALCOLIN FLEXI-TILER can be used in areas prone to moisture e.g. bathrooms
- Ideal for putting up skirting boards and cornices

Limitations

Not suitable for use in underwater or permanently wet conditions, i.e. swimming pools
 Not suitable for porcelain tiles
 Not suitable for butt joining tiles
 Do not tile over expansion joints
 Do not use on unprimed gypsum or fibreboard surfaces
 Not suitable for bonding two non-porous surfaces together onto steel. At least one substrate must be porous

Safety instructions

ALCOLIN FLEXI-TILER contains solvents; ensure that there is adequate ventilation in the area to be tiled. Do not ingest. Keep away from children and pets. Do not empty into drains. Wear rubber gloves. Avoid contact with eyes. Allow any unused product to dry before disposing of the container. In the event of skin contamination, rinse thoroughly with cold water. Seek medical assistance if irritation or discomfort persists. Refer to our Material Safety Data Sheets for further toxicological information and comprehensive handling instructions

Surface preparation

Site conditions should comply with the latest SABS Standards editions: SABS 021 (Code of Practice for the Waterproofing of Buildings including damp-proofing and vapour barrier installation), SANS 10109-2:2004 (Concrete Floors Part 2: Finishes to concrete floors), SABS 0107:1996 (Code of Practice for The design and installation of ceramic tiling)

Surfaces must be dry, firm and clean, free of loose material, mould oil, grease, wax polish, organic growth and any moisture. Organic growth must be removed and the spores killed with an effective fungicide such as a household bleaching solution

At least one of the surfaces should be absorbent i.e. back of the tile or the substrate

Bitumen waterproofing membranes should be treated with at least a 3mm coating of ALCOLIN Z100 FLOOR SCREED/ALCOLIN Z101 RAPID SET FLOOR SCREED before applying adhesive

Cement-based plaster and screeds must be at least two weeks old and concrete surfaces at least four weeks old to avoid excessive movement due to shrinkage

Gypsum plaster surfaces The surface must be chipped to expose 80% of the substrate and primed with a coat of ALCOLIN PERMOBOND or scratch coat

Friable and chalking surfaces need to be primed with a coat of ALCOLIN PERMOBOND, which must be brushed well into the substrate

Water sensitive timber based surfaces should be sealed with the appropriate sealant e.g. polyurethane, prior to tiling

Painted surfaces must be chipped thoroughly to expose 80% of the substrate and a priming coat of ALCOLIN PERMOBOND applied

Floor coverings and bitumen coated surfaces (not waterproofing membranes) must be stripped clean and treated with ALCOLIN PERMOBOND or a scratch coat followed by screeding with ALCOLIN Z100 FLOOR SCREED/ALCOLIN Z101 RAPID SET FLOOR SCREED

Smooth surfaces such as power floated and off shutter concrete, the laitance must be removed and a priming coat of ALCOLIN PERMOBOND or scratch coat applied

Ceramic tile surfaces and existing tiles must be firmly in place. The surface should be primed with ALCOLIN PERMOBOND or scratch coat. Unsound or damaged surfaces must be chipped to expose 80% of the substrate and primed with a coat of ALCOLIN PERMOBOND or a scratch coat

It is essential that suitable damp proof membranes be in place to prevent rising damp

Under floor heating should be turned off for at least 48Hrs prior to and after application

Particular attention must be paid to the Tile Manufacturer's instructions. i.e. any pre storage conditions prior to installing

For ALCOLIN PERMOBOND, ALCOLIN Z100 FLOOR SCREED, ALCOLIN Z101 RAPID SET FLOOR SCREED, or ALCOLIN TILE GROUT application instructions, refer to the relevant data sheets

A scratch coat can be mixed as follows: premix 1 part cement: 3 part sand add diluted Permobond 1 part: 1 part water, until desired consistency is achieved

Directions for use

- Apply a 3mm bed of ALCOLIN FLEXI-TILER to the substrate using a 6mm x 6mm x 6mm notched trowel
- Minimum grouting joint width for walls to be 2mm and for floors 3mm. Do not butt joint tiles
- Heavily lugged, grooved or dovetailed tiles must be buttered with adhesive before bedding into the trowelled adhesive in order to prevent any voids
- Do not spread more adhesive than can be tiled in 10 minutes
- If the tiles do not have spacer lugs, plastic spacers may be inserted between the tiles to help maintain straight grout lines. Remove these after placing the tile, before they become firmly set in the adhesive
- Bed tiles firmly into wet adhesive with a twisting action (before surface drying/skinning occurs)
- Use a "RUBBER MALLETT" to bed large or heavy tiles
- Occasionally lift a tile to check that full contact is being made between the tile and the adhesive
- USE ONLY DRY TILES

Expansion joints

- All expansion and movement joints to extend through adhesive bed and tiling. Do not tile over existing structural movement joints
- Movement joints should be located in both directions at maximum 5 meter for interior applications and every 3 meters for exterior applications
- Movement joints should also be located in all horizontal and vertical corners, against obstructions fixed to the structural background and over all discontinuities in building materials, e.g. at interfaces of concrete and brickwork
- In addition, perimeter joints should be located around any fixtures protruding through the tiled surface. See SABS 0107:1996 (Code of practice for the design and installation of ceramic tiling)

Grouting

- Ensure that the joints are free of tile adhesive residue and any foreign matter. Allow a minimum of 24 hours before grouting and a minimum of 48 hours when tiling onto a primed, sealed or non porous surface. Grout with ALCOLIN TILE GROUT

Cleaning

- Tools can be cleaned with water and soap when adhesive is still wet, or use white spirits if it has dried

Storage stability

ALCOLIN FLEXI-TILER must be kept in its original airtight container and stored at ambient temperature. Protect from frost. The product has a shelf life of approximately 12 months if stored under the conditions as described above

Product packaging

- 1kg bucket
- 2kg bucket
- 5kg bucket

Product data

i. Physical data

Appearance	White, trowel-able paste
Density	Approximately 1.0g/cm ³

ii. Application data

Setting time	24 hours, depending on temperature
Open time	± 20 minutes depending on site conditions: temperature, humidity, and surface to be treated
Coverage/kg	± 1m ² /kg using a 6x6x6 notched trowel. The estimated coverage depends on the nature of the surface
Tools	6mm x 6mm tooth gap at 6mm intervals, use a large trowel for heavily lugged tiles

The above information is only offered, as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for problems caused by the use and/or application of this product.

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