

DMS Tile Fix *High Flexible Tile Adhesive*

Product description

DMS Tile Fix is a cement-based synthetic reinforced tile adhesive with excellent flexibility that requires only the addition of water at the work site.

When cured, the compound is water and frost-resistant.

DMS Tile Fix is used for laying of ceramic tiles, slate, natural stone, on surfaces of concrete, putty, floor vinyl, gypsum board, existing tile, filler material, etc.

The product is used on both horizontal and vertical surfaces and in connection with embedded floor heating cables, cold storage rooms and other places requiring a flexible adhesive with good adhesion to the underlaying surface.

Surface preparation

The surface must be solid and free of any loose particles, dust or other impurities. Absorbent surfaces such as plaster, putty, concrete, etc. is primed with our DMS Primer 54 (see data sheet) before applying DMS Tile Fix.

Smooth surfaces such as vinyl and paint should be sanded coarse with sandpaper, to ensure proper adhesion to the surface. Any floor heating must be turned off.

Mixing

1 bag DMS Tile Fix (25 kg) is mixed with 6,2-6,5 litres of clean cold water.

Mixing is done with a slow-rotating drill with a suitable mixer. It is advisable to pour 3/4 of the water in a bucket/tub and then add the dry powder, which is mixed thoroughly while the remaining water is added gradually. Mix well until the mixture is free of lumps and easy to work with. The mixing time is 4-5 minutes, followed by 5-10 minutes of standing and remixing. The tile adhesive is now ready for use and should be used within 1 hour.

Application

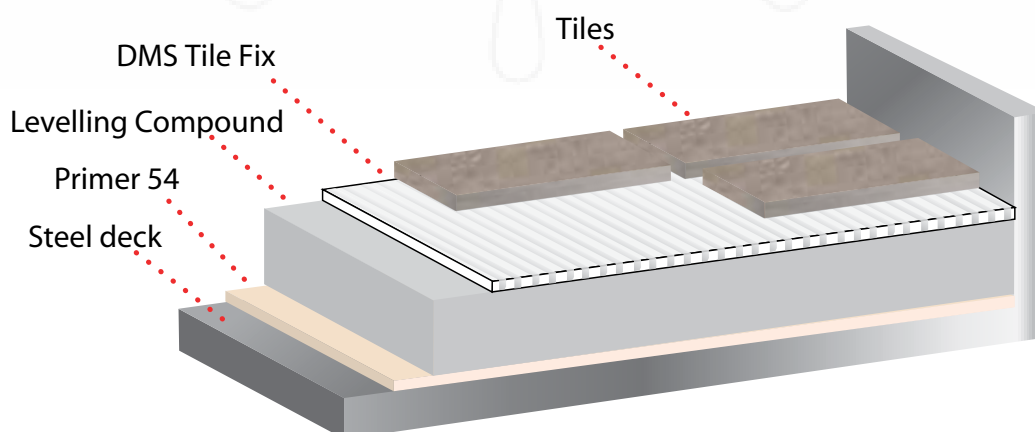
Apply the mixed DMS Tile Fix to the horizontal or vertical surface with a tooth spartula or other suitable tool. Only apply adhesive to the number of tiles that can be laid within about 25 minutes; otherwise a film will form on the adhesive. Press and twist the tiles down into the moist adhesive, so the back side of the tile is fully covered.

Correction of the newly laid tiles can, under normal conditions, take place within 15 minutes.

Lower temperatures will lengthen, and higher temperatures will shorten the opening and hardening times.

Work with tile adhesive should not be performed at temperatures under +5°C and over +35°C.

DMS Tile Fix does not tolerate frost during curing and must be protected against strong direct heat, and sunlight and draught must be avoided.



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Technical description

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| Basis | Cement and synthetic polymer |
| Colour | Grey |
| Density | Approx. 1,5 kg/mm/m ² (applied) |
| Material consumption | 1-4 mm (1,5 to 6 kg per m ² depending on size of tiles/tooth spartula) |
| Mixing ratio | 25-26% water (6,2-6,5 litres for 1 bag of 25 kg) |
| Pot life | Approx. 1 hour at 20°C and 85 % RH |
| Extended opening time | > 0,5 N/mm ² after 30 minutes |
| Reduced slipping | < 0,5 mm |
| Curing time | Setting time for walking, approx. 24 hours at 20°C |
| Jointing: | After approx. 48 hours at 20°C |
| Recommended application temperature | Between +5°C and +35°C |
| Flexibility | > 2,5 mm - < 5 mm |

Packaging

• 25 kg bags

Cleaning

Use water to clean the tools immediately after use.

Shelf-life

The shelf-life is min. 12 months in unopened packaging.

Storage

In dry conditions, do not expose to moisture and freezing temperature.

The information and in particular, the recommendations relating to the application and end use of DMS products, are given in good faith based on our current knowledge and experience. The information and recommendations are given without warranty of any kind and does not lead to any further liability for DMS, besides what is stated in the sales agreement. It is the buyer or end-user's responsibility to investigate or in other way make sure that DMS product suitable for the intended use and further are stored, handled and applied in accordance with stated directions. All orders are delivered and accepted in accordance with our general conditions of sale

For additional technical information, please contact our technical department.