



## ROFF NON-SKID ADHESIVE (NSA)

### Cementitious Polymer Modified Tile Adhesive

Product Code  
**102**

ROFF NON-SKID ADHESIVE is a blended polymer modified cement based powder tile adhesive. It gives excellent bond on cementitious surfaces like, concrete, plaster, etc. ROFF NON-SKID ADHESIVE forms a waterproof barrier between two surfaces and has excellent 'grab' properties. This is an ideal product for Tile-on-Tile applications.

#### AREAS OF APPLICATION

For fixing all types of tiles on internal wall / floor, external floor & tile on tile applications. As well as swimming pool tiling applications.

#### FEATURES & BENEFITS

- Ready to use, needs only mixing with water
- Excellent adhesion, low shrinkage
- Suitable for indoor and tile on tile applications
- Sufficiently flexible to accommodate physical & thermal movements
- Needs no curing, needs no hacking or mechanical key on the surfaces
- Floors can be used after 24 hours
- Soaking of tiles & backing of surface not required

#### METHOD OF APPLICATION

- The surface to be tiled should be sound and thoroughly cleaned. Old surface should be free from wax, grease, polish etc.
- Pour one 25 kg bag in approx. 8 lt. of clean water (recommended proportion approx. 3:1 of powder to water by volume). At site, addition of water shall be adjusted to attain desired consistency. Do not put water into the powder. Mix with a trowel / slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix the required quantity, which can be consumed within the prescribed pot life adopting the mixing proportion mentioned above.
- Spread the adhesive to a thickness of approx. 3-6 mm and comb with a notched trowel. Strictly apply the adhesive paste which can be tiled with in 10 to 15 mins.
- Intermittently touch the adhesive paste on substrate by finger. If the adhesive sticks to fingers then continue tiling and if not scrape off the adhesive and apply new coat.
- Start placing the tiles on the surface to be tiled. Tap the tiles properly to ensure complete coverage of the backside of tiles and to eliminate the possibility of any air voids.
- Keep joints between two-tiles using Tile Spacers
- Allow tiling to set for 24 hours and start filling joints next day with ROFF RAINBOW TILE MATE.
- Mix ROFF RAINBOW TILE MATE powder with water in ratio 2.5: 1 (1 water to 2.5 ROFF RAINBOW TILE MATE) and press it firmly in joints.
- After grouting clean and polish tiles with a damp sponge or cloth. To remove Hard Stains use ROFF CERACLEAN

#### PRECAUTIONS & LIMITATIONS

- Do not use for vertical cladding of heavy tiles
- Always add powder to water and not water to powder
- Do not add more water than recommended
- Do not add sand or cement at site
- Before doing tile-on-tile application, ensure that the original tiling surface is in sound condition.
- In case of undulations in the existing floor, rectify the same before applying ROFF NON-SKID ADHESIVE
- Strictly not recommended for the direct use on gypsum plaster, paint, wood & metal. For such applications apply ROFF SUPER CRETE over a dry & clean surface. Thereafter within 60 mins start applying ROFF NON-SKID ADHESIVE. Particularly for application over wood/metal the surface must be sufficiently rigid & stable to receive tile and capable of carrying the load of tiles without excessive deflection. Consult Technical Dept., CC Division of Pidilite Industries Ltd.

#### TECHNICAL INFORMATION

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|--------------------|---|
| • Appearance       | : Cement Grey Powder  |
| • Mix ratio        | : Approx. 3 : 1 (by vol).                                   |
| • Open time        | : Approx. 10 - 15 minutes at 30°C                           |
| • Pot life         | : approx. 2 hrs at 30°C                                     |
| • Coverage         | : 60 - 70 sqft/25Kg. Bag at 3 mm thickness                  |
|                    | : 30 - 35 sqft/25Kg bag at 6 mm thickness                   |
| • Trafficable time | : 24 hrs (max.)   |
| • Curing time      | : 14 days at 30°C   |
| • Self Life        | : 12 months pack sealed and stored in damp proof conditions |

**PACKING:** 5, 10, 20, 25 & 30 kg



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