

# T01 New Construction Tile Adhesive (NCA)



CRACK RESISTANT AND WATERPROOF TILING

## Description

**Roff New Construction Tile Adhesive** is polymer modified cement base powder tile adhesive. It is grey coloured powder & as name suggest this product is most suitable for wall tiling on plastered wall & floor tiling on PCC/IPS substrate by substituting conventional method of cement & sand.

## Areas of Application

Fixing all types of tiles on internal/External floor & ceramic tiles on wall.

## Features & Benefits

- Crack, breakage free firm surface that preserves beauty of tiling for longer time
- Excellent waterproofing characteristics
- Ready to use, needs no curing
- Excellent adhesion, low shrinkage
- Sufficiently flexible to accommodate thermal & physical movements
- Quick tiling benefits contractors & consumers in terms of time saving

## Method of Application

### Floor Tiling

- The substrate to be tiled must be hard PCC or IPS substrate without undulations & levelling.
- The surface to be tiled should be sound and thoroughly cleaned. Surface should be free from wax, grease, polish etc.
- Add 3 to 3.5 parts of powder to 1 part of water.
- Mix with a trowel or slow speed drills (50 - 100 rpm) until a lump free homogeneous paste is obtained.
- Always mix the required quantity, which can be consumed within 60 min. pot life.
- Leave mixture for 5 min. before using.
- 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 within 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 spacers.
- Start filling joints only after 24 hrs. with Roff Rainbow Tile Mate.

### Wall Cladding

- The surface to be tiled should be sound and thoroughly cleaned.
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- Add 3 - 3.5 parts of powder to 1 part of water.
- 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 with in 60 - 90 min. pot life.
- Leave mixture for 5 min. before using.
- Spread the adhesive to a required thickness and comb with a suitable notched trowel. Strictly apply the adhesive paste which can be tiled within 10 to 15 mins.

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## Precautions & Limitations

- For laying tiles on floor, surface should be sufficiently hard & good condition.
- Always add powder to water & never add water to powder.
- Do not add excess water than recommended.
- Never add sand & cement at site.
- Strictly not recommended for tiling on gypsum plaster, paint, wood & metal.
- Do not use for vertical cladding of heavy stone & tiles.
- Not recommended for Tile on Tile application.

## Technical Information

Appearance	:	Cement Grey Powder
Mix ratio	:	Approx. 3 to 3.5 = Powder : 1 part of water (by vol.)
Open time	:	Approx. 10 - 15 minutes at 30°C
Pot life	:	approx. 60 - 90 min. at 30°C
Coverage	:	5 - 5.5 Sq. mtr. / 20 Kg Bag at 3 mm thickness 2 - 2.5 Sq. mtr. / 20 Kg Bag at 6 mm thickness
Trafficable time	:	24 hrs (max.)
Shelf Life	:	12 months pack sealed and stored in damp proof conditions

## Packaging

20 Kg & 30 Kg



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