

# MITCHDRY BOND XS

Cementitious Polymer Modified Tile Adhesive  
For Large Format Tiles



## DESCRIPTION

**MITCHDRY BOND XS** a single component cementitious powder containing performance enhancing polymers, silica and other additives. It is ready to use, only requires addition of water at site. **MITCHDRY BOND XS** is a premium product for fixing Extra-large sized ceramic tiles, quarry tiles, marble, granite and similar materials for both internal and external applications. It provides strong adhesion to cement/sand screeds, to in-situ/pre-cast, concrete and brickwork. It is ideal for tile fixing in permanently wet areas.

## USES

- **MITCHDRY BOND XS** can be used for tile on tile applications.
- **MITCHDRY BOND XS** can be used for tiling over external walls, floor and roof.
- **MITCHDRY BOND XS** is ideal for swimming pools and water retaining reservoirs.
- **MITCHDRY BOND XS** can be used for new tiling in showers & wet processing areas, laboratories, hospitals, canteens, tiling corridors, pavements etc.
- **MITCHDRY BOND XS** can be used for fixing of marble and granite slabs on horizontal & limited vertical applications as well.

## ADVANTAGES:

- **Thin & Thick Bed Tiling:** suitable for both applications
- **Easy to Use:** Just add water on site
- **Pre-packed:** Consistent Quality
- **Dry Bonding:** No need to moist the substrate, pre-soaking of tiles is not required either.
- **Waterproof:** Excellent product for wet areas. Will not lose adhesion due to watertight barrier.
- **Slow Setting:** Long pot life and slow setting time (Initial Setting @ 6 hours , Final Setting @ 7 hours)
- **Tile Adjusting Limit:** Tiles can be adjusted till 30 minutes after application
- **High Adhesive Bond Strength:** Very good bond strength which make it suitable for larger tiles as well.
- **Non Sag / Non Slip:** Excellent grab properties which make it suitable for external vertical applications.

## PRODUCT DATA:

Property	Result
Form	Powder
Color	Grey or White
Fresh wet Density	1.8 Kg / L
Temperature Resistance	90°C
Pot Life	At 20° C approximately 60 Minutes At 30° C approximately 45 Minutes
Availability for grouting	For Floor 24 Hours For wall 7-9 hours as per the effect of temperature
Full curing	Available for full traffic after 14 days
Tensile Bond Strength	2.90 N/mm <sup>2</sup>

## SURFACE PREPARATION:

All surfaces, which are to receive **MITCHDRY BOND XS**, must be solid, clean and loadbearing. It should be free from contamination such as oil, laitance, grease, wax, dirt or any other form of foreign matter, which could affect adhesion. Undulations on walls are to be levelled with polymer modified mortar using **MITCHBOND SBR**. Very absorbent cement based substrate and aerated concrete should be primed with **MITCHBOND AC**. Allow primer to dry before bedding **MITCHDRY BOND XS**. Freshly installed cement screeds must not have residual moisture content above 5 %. Concrete, screeds, renders, and block work should be cured sufficiently to allow for most of the shrinkage movements. Tiles must be dry, and their surfaces free of contaminations that could impair adhesion. Do not soak tiles in water before installation.

## MIXING AND PREPARATION:

**MITCHDRY BOND XS** is best mixed using a slow speed drill fitted with a suitable mixing paddle. Pour clean water into a suitable mixing container and then add **MITCHDRY BOND XS**. Mixing should be carried out for a minimum of 3 minutes.

In case of manual mixing, mix for 3 minutes and then set aside the mixed adhesives for 5 minutes for proper activation of polymeric substances. Mix again for 3 minutes prior to use.

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## INSTALLATION:

Place thin layer (3 to 6 mm thick) of **MITCHDRY BOND XS** to the substrate with the straight edge of the trowel. Then comb mortar on to the fresh bond coat with the notched edge of the trowel working in the same direction, if possible. Only apply as much mortar as can be covered with tiles within the open time. Check the open time by touching the adhesive bed with your fingertip.

Position tiles in the adhesive bed and align with a slightly pushing motion, ensuring the tile back achieves full contact with the adhesive.

For larger tiles, **MITCHDRY BOND XS** should additionally be buttered on the backs of the tiles to ensure full adhesive contact.

Ceramic tiles should never be butt jointed. Leave a minimum of 2mm to 5mm groove around tiles. Adjustments to tiles should be made during the adhesive open time.

Remove excess from tile face and rake out joint for subsequent grouting before the adhesive sets. Leave for a minimum of 24 hours before grouting

## CAUTIONS:

- **MITCHDRY BOND XS** should not be used without **MITCHBOND SBR** on painted, existing glazed tiled surfaces, or to bond non porous or high density ceramics such as glass mosaics.
- Movement joints should be provided in accordance with normal practice. Refer to published local standards or BS 5385.
- Do not apply **MITCHDRY BOND XS** greater than 19mm thickness on horizontal surfaces and 12mm on vertical surfaces.
- Do not apply at temperatures below +5°C and above 40° C.
- In hot weather conditions, pre-condition **MITCHDRY BOND XS** at 21° C for at least 24 hours and use chilled mixing water to extend open wet time.
- The open time reduces with absorbent substrates.

## COVERAGE:

30 to 38 SFT per 25 Kg bag

## SHELF LIFE:

Store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. Shelf life is 6 months when stored as above.

## PACKAGING:

25 Kg double lined bags