



TILECARE BONDER

Polymer Modified High Bond Tile Adhesive



DESCRIPTION

TILECARE BONDER is economical on-site mix additive to be mixed with cement, for fixing of tiles. **BONDER** exhibits very high water retention and thus reduces the absorption of water in to porous substrates. It provides workability, sufficient sag resistance as well as appropriate setting time. The adjustability is good even at low dosages and high ambient temperatures. It makes cement self-cured.

FEATURS & BENEFITS

- Easy to use - To be pre-mixed with cement and then mix with water.
- High Adjustable Time
- High Open Time
- Low VOC

COMPLIANCE STANDERD

- **BYZON TILECARE BONDER** when mixed with cement & water complies to requirements of IS 15477:2019 Type 1 "Specification for Adhesives for use with Ceramic Tiles and Mosaics"

AREA OF USE

Material to be Fixed

All types of ceramic tile, bricks, vitrified tiles, natural stones

On Surface/ Substrate

Traditional wet on wet system -cement mortar for making cement screed bed for tiling

Area of Application

Flooring, wall, for internal & external area, dry & wet area, domestic applications, commercial applications

TECHNICAL INFORMATION

PROPERTIES	RESULT
Tentative Mixing Ratio (RTB : Cement))	300 gms for with 50 kg or 1 bag of cement (then mix with desired water)
Application Temperature	10°C to 35°C
Open Time	≥20min
Adjustibility	≥20min
Tensile strength	≥0.5 N/mm ²
Shear strength	≥1.0 N/mm ²
Trafficable/ Grouting Time	70 hours
Density	0.75 gm/cc

METHOD OF APPLICATION

- Clean the surface from efflorescence, laitance, dirt and other loose material than sprinkle water over the dry surface to make it wet.
- Add 300gm of TILECARE BONDER into 50 Kg of cement than add water (as per the required workability) in a bucket and blend properly with electric blender. The ratio of cement, water and TILECARE BONDER will be decided as per surface application.
- Apply prepared paste as per requirement on both the tile surface and floor surface.
- Comb the adhesive paste to provide sufficient grip between the surface and tiles.
- Mix should be prepared as per application surface either it is vertical or horizontal.

PRECAUTIONS & LIMITATIONS

- › Always mix TILECARE BONDER & cement dry mix first & then add this mixture in water.
- › Do not add excess water after desired consistency.
- › Excess dosage of TILECARE BONDER will increase the setting time & take more time to cure.
- › Protect from direct rainfall/ foot traffic for at least 24 hours.
- › It can be extended to 70 hours as per site condition & dosage of TILECARE BONDER

COVERAGE

- › Coverage will vary depending on thickness of leveling bed and the mix proportion used to make the leveling bed

SHELF LIFE

- › 18 months for sealed pack when stored under cover, out of direct sunlight, dampproof condition and protect from extremes of temperature.

PACK SIZE

- › 300 gms Pouch

SAFETY PRECAUTIONS

- › Keep out of reach of children.
- › Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water.
- › In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.