

PRODUCT DATA SHEET

JOHNBERG[®] GLASS MAGIC ADHESIVE

READY TO USE TILE ADHESIVE FOR FIXING WALL AND FLOOR TILES

DESCRIPTION

Ready to use grey cement based non-shrink, self curing tile adhesive for fixing tile on wall and floor.

USES

Fixing ceramic tiles on floor and wall surfaces.

CHARACTERISTICS / ADVANTAGES

- Ready to use, only water to be added.
- Contains special chemicals to obtain non-shrink and excellent adhesion properties.
- Better bond than conventional cement based mortar.
- Fast setting and quick strength development
- Self curing
- Good mechanical strength
- Suitable for fixing Ceramic tiles on wall and floor

PRODUCT INFORMATION

Packaging	20kg bag
Shelf Life	12 months from date of manufacturing if stored properly in original, unopened and undamaged sealed pack.
Storage Conditions	To be stored properly in dry conditions and not under direct sunlight
Density	~ 1.4 kg/l (at +27° C)
Shear Adhesion	Type 1 Adhesive (as per IS 15477 Standard)
Mixing Ratio	Water : Powder = 0.22 to 0.24 by weight (6.6 L to 7.2 L water per 30kg bag)
Consumption	~2.5-3 kg powder required / Sqm for 3mm average thickness. ~100-120 Sq ft is covered by a bag of 30kg for 3mm thickness depending on the substrate level.
Layer Thickness	3mm minimum
Ambient Air Temperature	+5°C min. / +45°C max.
Substrate Temperature	+5°C min. / +45°C max.

SUBSTRATE QUALITY / PRE-TREATMENT

Pre-wetting of substrate is essential with maximum saturation of water but saturated surface dry (S.S.D) condition.

The substrate must be structurally sound, laitance free, clean and free from dirt, oil, grease, other contaminants and loose or friable particles.

MIXING

Johnberg[®] must be mechanically mixed using a forced action mixer or in a clean container using a drill and mixing paddle (< 500 rpm). A normal concrete mixer is not suitable.

Mix thoroughly with clean water for a minimum of 3 minutes.