



MEDHA
INDUSTRIES

WE CREATE THE STRONGEST BOND



About Us

The **Medha Industries** came into existence in 2021 with the manufacturing of Brick Jointing Mortar. From Brick Jointing Mortar we ventured into Tile Adhesives.

The accumulated expertise and success was the force behind creation of White Tile Adhesives, Tile Grout and Epoxy Tile Grout in 2023.

Now **Medha Industries** range of construction chemicals spans from Brick Jointing Mortar, Tile Adhesives (grey and white) to multi coloured Tile Grout and Epoxy Tile Grout.

We **Medha Industries** not only established a brand but also a trust in construction field among all our beloved customers.



OUR PLANT LOCATION KURNOOL

Medha Industries



- **For installation of Ceramic & Vitrified tiles on floor and wall in indoor areas.**
- **On Cement Based substrates like cement plaster, cement concrete, cement screed etc.**
- **Preferably for dry area application. Working Properties at 27°C.**
- **M05 adhesive mixed with water has pot life of 2 hours and time to heavy traffic is 16-24 hours.**
- **Coverage - Approx 45 to 55 Sq.ft. per 20 kg pack, using 6mm x 6mm square notched trowel for a bed of 3mm.**

M05

IS Data		
Property : Test Method	Requirement	Typical Values
Tensile Adhesion		
Dry Condition- Annex A (Clause 5.1)	Minimum 0.50N/mm ²	0.75-0.80 N/mm ²
Shear Adhesion		
Dry Condition- Annex B (Clause 5.2)	Minimum 1.00N/mm ²	1.15-1.20 N/mm ²
Slip Resistance		
Slip Resistance- Annex E (Clause 5.5)	≤ 0.50mm	0.40-0.45 mm

Standard

M05 Complies to IS 15477:2019 "Type 1T"
Also Complies with EN C1TE Classification

Pkg. : 20kg

Color : Grey & White

- **For both interior floor & wall applications and for exterior floor applications.**
- **For installation of vitrified/fully vitrified tiles & glass mosaic tiles on cement based substrates.**
- **Can be used for wet areas, submerged areas etc. Working properties at 27°C.**
- **M15 adhesive mixed with water has pot life of 2 hours and time to heavy traffic is 16-24 hours.**
- **Coverage - Approx 45 to 55 sq.ft. per 20 kg pack, using 6mm x 6mm square notched trowel for a bed of 3mm.**
(Actual coverage depends on substrate condition and method of application)

M15

IS Data		
Property Test Method	Requirement	Typical/Values
Tensile Adhesion		
Dry Condition- Annex A (Clause 5.1)	Minimum 1.00 N/mm ²	1.25-1.35 N/mm ²
Wet Condition- Annex A (Clause 5.1)	Minimum 1.00 N/mm ²	1.15-1.25 N/mm ²
Shear Adhesion		
Dry Condition- Annex B (Clause 5.2)	Minimum 1.25 N/mm ²	2.0-2.10 N/mm ²
Heat Ageing Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.34-1.44 N/mm ²
Wet Condition- Annex B (Clause 5.2)	Minimum 1.00 N/mm ²	1.45-1.55 N/mm ²
Slip resistance Annex A (Clause 5.5)	≤ 0.5 mm	0.30-0.45 mm

Standard

M15 Complies to IS 15477:2019 "Type 2T"
Also Complies with EN C2TE Classification

Pkg. : 20kg

Color : Grey & White

- **For both internal & external floor and wall.**
- **For installation of ceramic/clay/vitrified/basalt /porcelain tile & all natural stone.**
- **Excellent for wet areas like swimming pools, sauna, water bodies and washrooms.**
Working properties at 27°C.
- **M25 adhesive mixed with water has pot life of 2 hours; time to heavy traffic is 16-24 hours.**
- **Coverage - Approx 45 to 55 sq.ft. per 20 kg pack, using 6mm × 6mm square notched trowel for a bed of 3mm.**
(Actual coverage depends on substrate condition and method of application)

M25

IS Data			
	Property Test Method	Requirement	Typical Values
Tensile Adhesion	Dry Condition Annex A(Clause 5.1)	Minimum 1.5 N/mm ²	1.5-1.65 N/mm ²
	Wet Condition Annex A(Clause 5.1)	Minimum 1.0 N/mm ²	1.10-1.20 N/mm ²
Shear Adhesion	Dry Condition Annex B(Clause 5.2)	Minimum 1.5 N/mm ²	1.45-1.55 N/mm ²
	Heat Ageing Annex B(Clause 5.2)	Minimum 1.0 N/mm ²	1.15-1.25 N/mm ²
	Wet Condition Annex B(Clause 5.2)	Minimum 1.0 N/mm ²	1.15-1.25 N/mm ²
Slip Resistance	Slip Resistance- Annex E (Clause 5.5)	≤ 0.50mm	0.25-0.35 mm
Transverse Deformation	Transverse Deformation (Clause 5.6)	≤ 2.5mm ≤ 5.00mm	2.70-2.80 mm

Standard

M25 Complies to IS 15477:2019 "Type 3T" / "Type 3T S1"
Also Complies with EN C2TE / C2TE S1 Classification

Pkg. : 20kg

Color : Grey & White

CEMENTITIOUS POLYMER TILE GROUT



- **Water-resistant, non-cracking & non-shrink polymer-modified cementitious tile joint filler/grout designed for grouting glazed wall tiles, mosaics, vitrified & fully vitrified tiles, floor tiles, industrial floor tiles etc.**
- **Tile grout effectively fills the gaps and levels itself to give hard-wearing and non-dusting tile joints.**
- **Tile grout firmly holds the tiles together to give a long life to the tiles and can be used for 1mm to 3mm joint width max.**

CONFORM TO EN 13888, IS 17190:2020 CG1

Polymer Tile Grout

ISO / EN Data		
Property Test Method	Requirement	Typical Values
Abrasion resistance : ISO 13007-4:Clause 4.4; En 12808-2	$\leq 2000\text{mm}^3$	1300-1600/ mm^3
Flexural strength under standard condition : ISO 13007-4: Clause 4.1.3; EN 128083	$\geq 2.5\text{N/mm}^2$	3.0-3.5 N/mm^2
Compressive Strength under standard Condition : ISO 13007-4 : Clause	$\geq 15\text{N/mm}^2$	20-22 N/mm^2
Shrinkage : ISO 13007-4: Clause 4.3:EN 12808-4	$< 3\text{mm/m}$	2.00-2.22 mm/m
Water Absorption after 30 Minutes : ISO 13007-4; Clause 4.2;En 12808-5	$\leq 5.0\text{g}$	2.5-3.0g

Polymer Tile Grout Conforms to EN 13888,
IS 17190:2020 CG1

Pkg. : 1kg

Color : Multi Colour

- **Hygienic, easy to clean, water and shock resistant, stain free grout with good bond strength for interior as well as covered exterior floor and wall joints**
- **For all types of ceramic tile, vitreous, semi-vitreous tile, glass mosaic tiles, precast terrazzo, engineered stone floors and natural stones.**
- **Recommended for institutional and commercial kitchens, cafeterias, residential facilities, rest rooms, schools and wet areas like swimming pools, sauna, water bodies and wash rooms.**

CONFORM TO EN 13888, IS 17190:2020 RG2

Epoxy Tile Grout

ISO / EN Data		
Property Test Method	Requirement	Typical Values
Abrasion resistance : ISO 13007-4:Clause 4.4; En 12808-2	≤ 250 mm ³	Pass
Flexural strength under standard condition : ISO 13007-4: Clause 4.1.3; EN 128083-3	≥ 30 N/mm ²	38-40 N/mm ²
Compressive Strength under standard Condition : ISO 13307-4 : EN 12808-4	≥ 45 N/mm ²	55-57 N/mm ²
Shrinkage : ISO 13007-4: Clause 4.3 : EN 12808-4	< 1.5 mm/m	0.6-0.8 mm/m
Water Absorption after 240 Minutes : ISO 13007-4; Clause 4.2;En 12808-5	≤ 0.1 g	0.015 - 0.040 g

Conforms to EN 13888, IS 17190:2020 RG2

Pkg. : 1 & 5kg

Color : Multi Colour

TILE GROUT SHADES



Bright White



Silk



Smoke Grey



Platinum



Midnight Black

Burgandy



Aqua Blue



Dusty Rose



Mayan Red



Inca Gold



MEDHA BRICK JOINTING MORTAR

Coverage per bag: 4inch bricks 60-65
6inch bricks 55-60
8inch bricks 40-45
9inch bricks 35-40

Shelf life : 12 months

Standard : Confirms to ASTM C:1660 - 10

- **Polymer modified adhesive for masonry building applications, optimum for the adhesion of AAC blocks having high shear bond strength.**
- **Medha Brick Jointing Mortar replaces traditional method of 20-25mm thickness with 3-6mm thickness of MEDHA BLOCK FIX.**
- **High shear bond strength: Ensuring secure and reliable adhesion of AAC blocks, providing structural stability to your building.**
- **Improved efficiency: With its reduced thickness requirement, it streamlines the construction process, making it more efficient and cost-effective.**

Pkg: 40kg



Our Products:

- **Medha Bricks Jointing Mortar**
- **Standard Floor and Wall Tile Adhesive - M05**
- **Premium Floor and Wall Tile Adhesive - M15**
- **Superior Floor and Wall Tile Adhesive - M25**
- **Medha Epoxy Grout**
- **Medha Polymer Tile Grout**

Manufactured & Packed By:
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