



High performance, deformable, multi purpose tile adhesive for all types of tiles

**BYM Maxgrip MG044** is High performance, deformable, multi purpose tile adhesive for all ceramic coverings, glass mosaic, porcelain and non-moisture sensitive natural stones tiles. **BYM Maxgrip MG044** conforms to class C2TE as per EN 12004:2017 and Type 3 'T' as per IS 15477:2019.

#### Technical Data

Physical States	Cementitious Powder
<b>Appearance</b>	
Color	Grey / White
Mixed density	1.6 – 1.8kg/litre
Open Time (IS 15477: 2019) 2kg load applied for 30sec	~ 30 minutes
Pot Life	~ 120 minutes
Adjustment Time (IS 15477: 2019) 2kg load applied for 30sec	~ 25 minutes
Slip Resistance (T) (IS 15477: 2019)	≤ 0.5 mm
Tensile Adhesion at Dry Condition (IS 15477: 2019)	Min. 1.5 N/mm <sup>2</sup>
Tensile Adhesion at Wet Condition (IS 15477: 2019)	Min. 1.0 N/mm <sup>2</sup>
Shear Adhesion at Dry Condition (IS 15477: 2019)	Min. 1.5 N/mm <sup>2</sup>
Shear Adhesion at Wet Condition (IS 15477: 2019)	Min. 1.0 N/mm <sup>2</sup>

#### Characteristics

1. Extended open time and slip Resistance.
2. Excellent Workability
3. For fixing all type of ceramic tiles or interior and exterior substrates e.g., floors/kitchen/bathroom walls/corridors/lobbies/meeting rooms/halls etc.
4. Fast & Economical
5. Single component, add water in it and ready to use
6. High Bonding strength between substrate and tiles
7. Water and shock resistant - suitable for wet areas & commercial floor too.

#### Advantages:

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users.

BYM Construction Chemicals Private Limited |

Regd. Office : Plot No.179, Maa Hinglaj-C, Lalarpura, Gandhipath West, Vaishali Nagar, Jaipur-302021 (Raj.) | Factory : SP 6P, MIA, RIICO MIA, ALWAR – 301030 (Raj.)



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1. Waterproof and resistant to temperatures from -30°C to +80°C, multi-purpose use indoors and out, on walls and floors
2. Non sag, no need for battens and spacers, therefore easy and quick application
3. Flexible, compensates changes in temperature and elongations of the substrate
4. Perfect adherence
5. Easily trowellable
6. Reduced Slip with longer pot life
7. Excellent adhesion properties
8. Complies with IS 15477:2019 and EN 12004

## Method of use

### Surface Condition

Temperature of surfaces should be between 4°C and 40°C. Surfaces should be structurally sound, clean and free of dust, oil, grease, paint, tar, wax, sealer, concrete color stains, old adhesive residues (unless otherwise recommended by Technical Services), New concrete slabs shall be damp cured and 28 days old before application which will reduce the shrinkage from tile fixing surface. Surfaces must be plumb and true to within 6 mm in 10 ft (3m). Remove all excess water and standing water if any, allowing the surface to become almost dry to provide a saturated surface-dry (SSD) condition before installing the leveling.

### Mixing

20-30% water for 20 Kg powder in a clean mixing vessel. Adjust the water as per desired consistency. Mix with a suitable mechanical stirrer or by hand or slow speed drills (50 - 100 rpm). and mix until a uniform slump-free consistency is obtained. Leave mixture for 5 minutes before use

### How to apply

Apply the tile adhesive using the notches trowel to create thick ridges. Apply the tile adhesive in upward sweeping motions. Use a rubber mallet to tap the tile down so the adhesive grips. Now, repeat until the wall, floor or substrate is complete. Push your tile into the adhesive and give it a slight twist. This will bed it securely onto the wall and reduce the air that can sit between the tile and wall surface. Repeat this with the next tile, using spacers to separate the tiles as you go. Adjust tile within 25 minutes if require. Water should not be added to try and regain its characteristics when tile adhesive crosses its pot life. and Clean off surplus adhesive from the tile face and between joints

### Coverage

20kg bag of **BYM Maxgrip MG044** will cover approximately 5 to 6 square meters of tiles, at a bed thickness of 3mm (this is how thick the layer of adhesive is). The bed layer can be up to 12mm if needed. Coverage will vary depending on trowel notch size, type, size of tile and substrate smoothness and evenness

### Packing

20 kg Bag

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### Shelf Life & Storage

12 months from the date of manufacturing. The suitable environment temperature is 5°C to 40°C. Keep the material in dry place and avoid the contact with moisture.

### Precautions

1. Floor or Substrate in which tile adhesive have to apply should be flat and in SSD (wet outside and dry inside) condition.
2. The uneven or extremely rough surfaces if any should be leveled with cement mortar or BYM repairing mortar.
3. keep out of reach of children, wear gloves and wear safety PPEs at the time of using.
4. Never mix the dried mortar with water to use again.

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