

**BYM Maxgrip MG033** is a single-component high strength formula with ultimate flexibility Tile adhesive with reduced slip for semi-vitreous, vitrified/fully vitrified tiles, interior and exterior floor and all types and sizes ceramic tiles, granite porcelain ceramic, cotto,clinkers on cementitious renders and natural stones. **BYM Maxgrip MG033** is recommended for vertical tiles,Tile on Tile and wall applications. It conforms to class C2T as per EN 12004:2017 and Type 2 'T' as per IS 15477: 2019.

### Technical Data

Physical States	Cementitious Powder
<b>Appearance</b>	
Color	Grey / White
Mixed density	1.6 – 1.8kg/liter
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. 1.0 N/mm <sup>2</sup>
Tensile Adhesion at Wet Condition (IS 15477: 2019)	Min. 1.0 N/mm <sup>2</sup>
Shear Adhesion at Wet Condition(IS 15477: 2019)	Min. 1.0 N/mm <sup>2</sup>
Shear Adhesion at Heat Aging Conditions	Min. 1.0 N/mm <sup>2</sup>

### Characteristics

1. Highly Polymer modified - provides high structural adhesion, allows bonding on variety of substrates, for fixing variety of tiles and stones
2. Extended open time and slip Resistance.
3. Excellent Workability
4. For fixing all type of ceramic tiles or interior and exterior substrates e.g., floors/kitchen/bathroom walls/corridors/lobbies/meeting rooms/halls etc.
5. Fast & Economical
6. Single component, add water in it and ready to use
7. Medium traffic floors

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.



#### Advantages:

1. Perfect adherence
2. To be apply on vertical surfaces even for bonding of heavy tiles without sagging.
3. Self-curing adhesive.
4. Resistant to water and serve weather conditions
5. Water and shock resistant
6. Can be used up to 12mm bed thickness
7. Easily trowelable
8. Reduced Slip with longer pot life
9. Excellent adhesion properties
10. Complies with IS 15477:2019, IS 15447:2004 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 MG033** 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



*High Strength Tile Adhesive with Reduced Slip*

## **Packing**

20 kg Bag

## **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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**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.)