

TECHNICAL DATA SHEET

Product Name: MARMOTILE

Registered Office:

MARMO SOLUTIONS PVT. LTD.

(AN ISO 9001:2015 CERTIFIED COMPANY)

MUMBAI: 47A, Ground And First Floor, Parmar
Compound, Highway Road, Vile Parle East,
Mumbai – 400099

DELHI : WHS, 1/18, 2nd Floor Kirti Nagar, Near
Richi Rich, New Delhi - 110015

Customer No: +91 11 40586081

Web.: www.marmosolutions.com

For any query/feedback

E-Mail: info@marmosolutions.com

CIN : U74140DL2013PTC252178

E-Mail ID: info@marmosolutions.com

Office hours: Monday to Saturday (10AM-6PM)



1. Product Description:

Marmotile is a high-quality, cement-based, polymer-modified adhesive classified as a C1 adhesive according to EN 12004, 1T adhesive according to IS:15477:2019 and ANSI A188.4 standards. It is designed for installing ceramic tiles, mosaics, and other small to medium-sized tiles. Marmotile offers excellent bonding strength, ease of application, and improved workability, making it ideal for use in residential and commercial installations.

Manufactured by:

ANAV INDUSTRIES

Address: Khewat No. 1358/1151,

Khatoni No. 1461, Main NH-9, Near Toll Plaza, Village

Rohad, Dis. Jhajjar, Haryana-124501

Marketed By/ Exporter:

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2. Product Features:

- **Cement-Based:** Ensures strong bonding and durability.
- **Polymer-Modified:** Enhances adhesion and flexibility.
- **Water-Resistant:** Suitable for wet areas such as bathrooms and kitchens.
- **Easy to Apply:** Good workability for troweling and tile positioning.
- **Versatile Use:** Ideal for ceramic tiles, mosaics, and similar materials on masonry surfaces.



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3. Technical Specifications:

- **Classification:** C1 (EN 12004), Type- 1T (IS115477:2019) and ANSI A118.4
- **Component Type:** Cement-based polymer-modified adhesive
- **Colour:** Grey
- **Mixing Ratio:** Approx. 4.5-5 litres of ≤ 200 tds water per 20 KG bag
- **Open Time:** 20 - 30 minutes
- **Pot Life:** Upto 4 hours at 25°C
- **Adjustability Time:** Up to 20 minutes
- **Application Temperature:** +5°C to +35°C
- **Initial Bond Strength:** ≥ 0.5 N/mm² (after 28 days)
- **Bond Strength after Water Immersion:** ≥ 0.5 N/mm²
- **Bond Strength after Heat Aging:** ≥ 0.5 N/mm²
- **Coverage:** 1.5 kg/m² /mm (depending on tile size and substrate)
- **Shelf Life:** 12 months in unopened packaging
- **Packaging:** 20 KG bag

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4. Applications:

- **Tile Fixing:** Suitable for indoor installations of ceramic tiles.
- **Wet Areas:** Effective for use in bathrooms, kitchens, and other areas exposed to moisture.
- **Residential and Commercial Projects:** Perfect for small to medium tiles in homes, offices, and other spaces.

5. Application Guidelines:

1. Surface Preparation:

- Ensure the surface is clean, dry, and free from dust, grease, or loose materials. Any cracks or holes should be repaired before application.
- Dampen absorbent substrates with water before applying Marmotile.

2. Mixing Instructions:

- Add approximately 4.5 - 5 litres of clean ≤ 200 tds water to a 20 KG bag of Marmotile adhesive.
- Mix using a mechanical stirrer until a smooth, lump-free consistency is achieved.
- Let the mixture rest for 5 minutes, then re-stir before application.

3. Application Method:

- Apply Marmotile adhesive using a notched trowel, spreading evenly on the substrate.
- Position the tiles within the open time of 20 - 30 minutes, ensuring proper alignment.
- Press tiles firmly to achieve good contact with the adhesive.
- For wet areas, use a waterproofing membrane or additional preparation as necessary.

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6.DO'S & DON'TS

• DO'S

- Ensure the stone surface is clean, dry, and free from dust, oil, and contaminants before application.
- Lightly dampen highly absorbent surfaces before application to improve bonding.
- Apply the adhesive using a notched trowel to ensure uniform thickness.
- Press tiles firmly to ensure full contact with the adhesive bed.

• DON'TS

- Do not apply on wet, damp, or contaminated surfaces.
- Do not add excess water beyond the recommended mixing ratio.
- Do not mix the adhesive with cement, sand, or other additives.
- Do not allow heavy traffic on freshly installed tiles before proper curing.
- Do not use the product for large-format or heavy tiles beyond its C1 classification limits.
- Do not apply directly over painted, polished, or non-absorbent surfaces without proper preparation.

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7. Storage and Handling:

- **Storage:** Store Marmotile in a dry place, away from direct sunlight and moisture. Keep the packaging tightly sealed when not in use.
- **Handling:** Use protective gloves and eye protection while handling the product. In case of contact with skin or eyes, rinse immediately with plenty of water. If inhaled, move to fresh air and seek medical attention if needed.

Health and Safety:

Refer to the Safety Data Sheet (SDS) for detailed safety instructions. Follow local regulations for product disposal and handling.

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