

## **TECHNICAL DATA SHEET**

**Product Name: MARMOTILE**

**Manufacturer :**

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:

MARMO SOLUTIONS PVT. LTD.

Office Address :

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 - 110 015

Tel. No: +91 11 40586081

Website: [www.marmosolutions.com](http://www.marmosolutions.com)

E-Mail ID: [info@marmosolutions.com](mailto: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 AND T1 adhesive according to IS:15477:2019 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.



## TECHNICAL DATA SHEET

**Product Name: MARMOTILE**

### 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.

### Technical Specifications:

- **Classification:** C1 (EN 12004) and T1 (IS:15477:2019)
- **Component Type:** Cement-based polymer-modified adhesive
- **Color:** Gray or white
- **Mixing Ratio:** Approx. 4.5 – 5 liters of  $\leq 200$ 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:**  $\geq 0.5$  N/mm<sup>2</sup> (after 28 days)
- **Bond Strength after Water Immersion:**  $\geq 0.5$  N/mm<sup>2</sup>
- **Bond Strength after Heat Aging:**  $\geq 0.5$  N/mm<sup>2</sup>
- **Coverage:** 1.5 kg/m<sup>2</sup> /mm (depending on tile size and substrate)
- **Shelf Life:** 12 months in unopened packaging
- **Packaging:** 20 KG bags



## TECHNICAL DATA SHEET

**Product Name: MARMOTILE**

### 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.

### 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 liters of clean  $\leq 200$ 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.



## **TECHNICAL DATA SHEET**

**Product Name: MARMOTILE**

### **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.

