

TECHNICAL DATA SHEET

Product Name: MARMOFLEX

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:

Marmoflex is a high-performance, cement-based, polymer-modified adhesive designed for installing small to medium-sized ceramic, porcelain, and natural stone tiles. Its polymer- modified formulation delivers improved adhesion, flexibility, and better workability, making it suitable for both interior and exterior applications. Marmoflex complies with C1TE classification under EN 12004 standards, TYPE 2T IS:15477:2019 and ANSI A118.4 standards assuring consistent quality and reliability. It is ideal for application on a variety of substrates, including concrete, screeds and plastered surfaces.

Marketed By/ Exporter:

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



www.marmosolutions.com



For any query/feedback

E-Mail: info@marmosolutions.com

Manufactured by:

ANAV INDUSTRIES
Address: Khewat No. 1358/1151,
Khatoni No. 1461, Main NH-9, Near Toll Plaza, Village
Rohad, Dis. Jhajjar, Haryana-124501

TECHNICAL DATA SHEET

Product Name: MARMOFLEX

2. Product Features:

- **Cement-Based Polymer-Modified Adhesive:** Ensures high adhesion and flexibility.
- **EN: CITE, IS: TYPE 2T and ANSI A118.4 Classification:** High-performance adhesive with improved bonding strength, extended open time, and slip resistance.
- **Slip Resistance:** Suitable for vertical applications, minimizing tile slippage during installation.
- **Extended Open Time:** Allows for easier handling and tile adjustment during application.
- **Strong Shear Strength:** Provides excellent performance in high-stress applications, including heavy tiles and exterior facades.
- **Tile Installation:** Suitable for ceramic, porcelain, vitrified, and natural stone tiles.
- **Interior and Exterior Use:** Can be used on both walls and floors, indoors and outdoors.
- **Wet Areas:** Ideal for bathrooms, kitchens, swimming pools, and other moisture-prone areas.

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:

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



www.marmosolutions.com



For any query/feedback

E-Mail: info@marmosolutions.com

TECHNICAL DATA SHEET

Product Name: MARMOFLEX

3. Product Specifications:

- **Classification:** CITE (EN 12004), 2T (IS:15477:2019) and ANSI A118.4
- **Component Type:** Cement-based, polymer-modified
- **Colour:** Grey or white
- **Packaging:** 20 KG bags
- **Mixing Ratio:** Approx. 4.5- 5 litres of ≤ 200 Tds water per 20 KG bag
- **Open Time:** ≥ 30 minutes
- **Pot Life:** ≤ 30 minutes
- **Adjustability Time:** Up to 40 minutes
- **Application Temperature:** $+5^{\circ}\text{C}$ to $+35^{\circ}\text{C}$
- **Slip Resistance:** ≤ 0.5 mm
- **Tensile Adhesion**
 - a) **Dry Condition:** ≥ 1.0 N/mm²
 - b) **Wet Condition:** ≥ 1.0 N/mm²
- **Shear Adhesion**
 - a) **Dry Condition:** ≥ 1.25 N/mm²
 - b) **Heat Ageing:** ≥ 1.0 N/mm²
 - c) **Wet Condition:** ≥ 1.0 N/mm²
- **Coverage:** 1.3 kg/m² per mm thickness (approx. 4-6 kg/m², depending on tile size and substrate)
- **Shelf Life:** 12 months in original, unopened packaging (Under 25°C at dry conditions).

Marketed By/ Exporter:



TECHNICAL DATA SHEET

Product Name: MARMOFLEX

4. Application Guidance:

1. Surface Preparation:

- Ensure the substrate is structurally sound, clean, and free from dust, grease, or loose materials.
- Pre-dampen absorbent surfaces before applying Marmoflex, but avoid leaving standing water.

2. Mixing Instructions:

- Add approximately 4.5-5 litres of clean ≤ 200 tds water to a 20 KG bag of Marmoflex adhesive.
- Mix with a mechanical mixer until a smooth, homogenous consistency is achieved.
- Allow the mixture to rest for 5 minutes and then re-stir before use.

3. Application Method:

- Use a notched trowel to spread the adhesive evenly on the substrate.
- Press tiles firmly into the adhesive, ensuring proper bonding within the open time of 40 minutes.
- For large-format tiles or heavy stone, back-buttering may be necessary for full adhesion.
- Adjust tiles within the adjustability time of 40 minutes.

4. Grouting:

- Allow 24 hours of curing time before grouting. Ensure proper joint width for movement accommodation.

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:

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



www.marmosolutions.com



For any query/feedback

E-Mail: info@marmosolutions.com

TECHNICAL DATA SHEET

Product Name: MARMOFLEX

5.DO'S & DON'TS

• DO'S

- Substrate must be sound, clean, dry, and properly cured.
- Do mix the adhesive strictly as per the recommended ≤ 200 Tds water ratio, using clean potable water.
- Do fix tiles within the open time of the adhesive to achieve proper bonding.
- Do allow adequate curing time before grouting or allowing foot traffic.
- Do clean tools and excess adhesive immediately with clean water before the material hardens.
- Application conditions must comply with recommended temperature and site conditions.

• DON'TS

- Not suitable for application on non-cementitious substrates.
- Do not use on uneven or weak substrates; level and repair the surface before application.
- Do not mix with excess water or add cement, sand, lime, or any other additives to the adhesive.
- Do not apply on wet, damp, or uncured surfaces.
- Do not apply adhesive beyond its open time; discard material that has started to skin or dry.
- Do not allow foot traffic or grouting before the recommended curing time.
- Do not store opened bags for extended periods; use the opened material immediately.

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:

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



www.marmosolutions.com



For any query/feedback

E-Mail: info@marmosolutions.com

TECHNICAL DATA SHEET

Product Name: MARMOFLEX

6.Storage and Handling:

• Storage:

Store in a cool, dry place (under 25°C) away from moisture. Keep the packaging sealed when not in use.

• Handling:

Wear protective gloves and goggles while handling the product.

In case of skin or eye contact, rinse thoroughly with clean water. If inhaled, move to fresh air and seek medical attention if necessary.

• Health and Safety:

Refer to the product's Safety Data Sheet (SDS) for detailed information on safe handling practices, disposal, and health precautions. Follow local regulations regarding product handling and disposal.

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:

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



www.marmosolutions.com



For any query/feedback

E-Mail: info@marmosolutions.com