MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS



TECHNICAL DATA SHEET

Product Name: MARMOLATEX-ECOLASTIC

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:

Marmolatex-Ecolastic is a premium admixture latex resin designed to significantly enhance the performance of C1 or C2 type cementitious adhesives. Its formulation improves flexibility, adhesion, and overall mechanical strength, making it suitable for demanding applications. When combined with CITE Marmoflex, it enables deformability to achieve S1 classification, providing enhanced performance for tiling systems under high-stress conditions.

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2. Product Features:

- **Increased Flexibility:** Enhances the deformability of adhesives, allowing movement and stress absorption.
- **Superior Adhesion:** Improves bond strength between adhesive and substrate.
- **Enhanced Strength:** Boosts mechanical properties, providing longer-lasting and durable installations.
- **Versatile Performance:** When mixed with Marmoflex-ECO, it can be tailored to specific needs, achieving both C2TES2 and C2TES1 performance levels.

3. Performance Classification:

Mixing Ratio

- **100% Marmolatex-Ecolastic,C2TES2 (High-performance adhesive with extended open time and high deformability)**
- **50% Marmolatex-Ecolastic + 50% Water,C2TES1 (High-performance adhesive with extended open time and standard deformability)**
- **Property Value:** Appearance Milky white liquid
- **Density:** ~1 .05 g/cm³
- **pH:** 7-9
- **Solid Content:** ~19%
- **Deformability:** Class S2 (with 100% Marmolatex-Ecolastic)
  Class S1 (with 50% Marmolatex-Ecolastic + Drinking Water
- **Application Temperature:** +5°C to +35°C

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3. Performance Classification:

- **Open Time:** Extended (as per C2 classification)
- **Pot Life:** 4-6 hours (depending on temperature)
- **Shelf Life:** 6 months in original unopened packaging
- **Packaging:** 5L containers

4. Application Guidelines:

1. **Surface Preparation:** Ensure substrates are clean, dry, and free from dust, grease, or any contaminants.
2. **Mixing Instructions:** C2TES2 Performance Mix 100% Marmolatex-Ecolastic with C1T Marmoflex-ECO adhesive. C2TES1 Performance Use a 50:50 mixture of Marmolatex-Ecolastic and water with C1T Marmoflex-ECO adhesive.

3. Application Method:

- Use a suitable notched trowel to apply the mixed adhesive.
- Follow the standard application procedures for ceramic tiles and stones.
- Ensure the adhesive achieves full contact with the tile back and substrate.

4. Curing:

- Ensure adequate curing time before permitting heavy foot traffic or starting the grouting process.

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5.DO'S & DON'TS

- **DO'S**
- Ensure the substrate is clean, sound, and free from dust, oil, grease, and loose particles before application.
- For S2 deformability performance, mix 100% Marmolatex-Ecolastic with C1T Marmoflex-ECO adhesive.
- Mix thoroughly using a mechanical mixer to obtain a smooth and homogeneous adhesive paste.
- Apply the adhesive using a suitable notched trowel to ensure uniform adhesive thickness.
- Ensure full contact between tile back and substrate to achieve proper bonding.
- Allow adequate curing time before allowing heavy foot traffic or starting the grouting process.

- **DON'TS**
- Do not apply on dirty, dusty, or contaminated surfaces.
- Do not mix the product with any other additives or chemicals.
- Do not apply adhesive beyond its open time after mixing.
- Do not expose freshly installed tiles to heavy traffic before curing.
- Do not store the product in direct sunlight or extreme heat.

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6.Storage and Handling:

• Storage:

Store in a cool, dry place away from moisture. Keep the packaging sealed when not in use.

• Handling:

Use personal protective equipment, including gloves and goggles, during handling and application. In case of contact with skin or eyes, wash immediately with plenty of water. In case of inhalation, move to fresh air promptly. If breathing becomes difficult, seek immediate medical attention.

• 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.

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