

**MARMOLATEX-ECO /
MARMOLATEX-ECO LASTIC /
MARMOLATEX-FLEX
MARMOFLEX-LIQUID**

1. PRODUCT IDENTIFICATION:

Product Name - MARMOLATEX-ECO

Manufacturer / Importer / Supplier:

ANAV INDUSTRIES

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



Marketed By:

Marmo Solutions Pvt. Ltd.

WHS 1/18, 2nd Floor, Kirti Nagar, New Delhi-15

Tel. No: 011-40586081

Emergency No: 91-9555155080

Web.: www.marmosolutions.com

info@marmosolutions.com

Office hours: Monday- Saturday 10am-6pm

2. Marmo Latex Eco:

Is Eco friendly, water based elastomeric latex for normal and rapid setting mineral adhesive, ideal for use in green building. Solvent-free, safeguards the health of both operators and the environment. It increases the longitudinal and transversal deformation of adhesives, guaranteeing unaltered workability and safe, easy and eco-friendly laying.

3. Characteristics:

- Category: Liquid organic products
- Class: Mineral adhesives with SAS technology
- Water based formulation
- Non-toxic and non-hazardous
- No environmental hazard rating

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- Rating: Eco 4
- Solvent free

4. Marmo Latex Eco Notes:

- Formaldehyde and phthalates are not present in the formulation to guarantee safer on-site use.
- Water based, limits the risk of loads that could be harmful and dangerous to the environment during storage and transportation.

5. Product Strengths:

- Increases substrate adhesion and Does not alter interval before normal use
- One pre-dosed 8kg can per bag of **Marmo flex-T**.
- Does not alter work ability times of normal and extra-fast setting mineral adhesives.
- Recommended as an additive for substrates and materials subject to extreme deformation.

6. Usage Area:

Eco friendly latex – based elastic additive for all types of mineral or cement – based adhesives.

- Extra fast setting mineral adhesives
- Normal – setting mineral adhesives

7. Material that can be bonded:

- Homogenous tiles, glass, ceramic tiles, cotto, kinker and ceramic mosaic, of all types and formats
- Natural stones, recomposed materials, marble

Internal and external flooring and walls, in domestic , commercial and industrial applications and street furniture, in environments subject to heavy traffic, swimming pools, baths, fountains , for laying on deformable substrates, also in areas subject to thermal shock and freezing.

8. Non Usage area:

On gypsum based plasters and anhydrite screeds without the use of marmo prime eco water based, eco friendly, surface isolation on plastic or resilient materials and metals and on substrates subject to continuous moisture rising.

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**MARMOLATEX-ECO /
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MARMOFLEX-LIQUID****9. Instruction for use:****9.1 Preparation of substrates:**

Substrates must be absorbent free from dust, oil and grease, free from any rising damp, with no loose, flaky material. The substrate must be stable, without cracks and have already completed the curing period of hygrometric shrinkage and uneven area must be corrected with suitable smoothing and finishing products.

9.2 . Preparation:

Use Marmo latex eco as partial or full replacement of mixing water. After having mixed the powder with the indicated quantity of marmo latex eco, it is necessary to adjust the consistency of the mixture by adding water according to the type of application required, until a smooth, lump-free paste is obtained.

9.3. Application:

The adhesive, mixed with marmo latex eco can be applied with a suitable toothed spreader (noch), to be chosen according to the size and type of the tile. Using the smooth part of the spreader, apply an initial fine layer to adjust absorption of the substrate with such a quantity of product as will allow for laying of the covering material within the open time. In the external application use the double – spread technique to ensure 100% wettability of the tile backs. Marmo latex eco does not alter hardening time of the adhesives and in warm, dry or windy climates check open time, which may be reduced.

10. Cleaning:

Residual traces of marmo latex eco can be removed from tools with water before the product has hardened.

11. Notes:

Mixing ratio percentage used during addition of water based, eco friendly elastic agent marmo latex eco to eco friendly mineral adhesives by marmo solutions pvt ltd may vary according to different factors such as the format of the tiles or marbles slabs, the actual use of the covering materials, the type of substrate, subsequent hygrometric shrinkage and the thermal expansion coefficient.

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TECHNICAL DATA SHEET

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Technical Data

Appearance	White Liquid
Specific weight	=1,01 kg/dm ²
Shelf life	=12 Months in the original packaging

Warning Protect	from frost, avoid direct exposure to sunlight and sources of heat
Pack	20 Ltr
Mixing ratio:	
-Adhesives Class C1	As per replacement for mixing water
-adhesives Class C22	parts of top latex eco: 1 part water
-adhesives Class C2S1	1Part marmo latex eco: 1 part water
-Adhesives Class C2s2	Full part marmo latex eco
Viscosity	=33 mPa's, rotor 1RPM 100 Brookfield Method
Ph	=7,06
Temperature range for application	From+5° C to +35°C
Coverage	See doages characteristics of adhesive

(Data may vary depending on specific condition at the building site)

Performance

12. HIGH-TECH

MaRMOFLEX-T + marmo latex eco		
Mixing ratio	As a replacement for mixing water	
Pot life	≥ 50 min	
Open time	≥ 30min	EN 1346
Foot traffic/ grouting	=3 hrs	
Interval before normal use	=48hrs	
Transversal deformation S2	≥ 5mm	EN 12002
Adhesion to concrete after 28days	≥ 2 N/mm ²	EN 1348
Adhesion after water immersion	≥ 1 N/mm ²	EN 1348
Adhesion after heat ageing	≥ 2 N/mm ²	EN 1348
Adhesion after freeze-thaw cycles	≥ 1 N/mm ²	EN 1348
Conformity	C2TES2	EN 12004

(Data may vary depending on specific condition at the building site)

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13. Warning:

- Product for professional use
- Abide by any standards and national regulations
- Store and use at a temperature above +5°C. Protect from frost.
- Lay and press tiles onto fresh adhesive, making sure it has not formed a surface skin.
- Workability times may vary considerably, depending on environmental conditions and on tile and substrate absorbency
- Protect from direct rainfall for at least 24 hrs
- Use notch suitable for the format of the tiles.
- Do not use directly on substrates with a gypsum or anhydrite base.
- If necessary, ask for safety data sheet
- For any other issues contact Marmo solutions pvt ltd. (011-40586081)

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