

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier: MARMOFLEX-W

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-110015

Tel. No: 011-40586081

Emergency No: 91-9555155080

Web.: www.marmosolutions.com

info@marmosolutions.com



2. “The suitable solution for fixing natural, impregnated and composite stones, specially used for cladding”

Characteristics:

- Impregnated stones, artificial stones
- Self-curing
- Ready to mix, two component product
- External cladding
- Superior bond strength, long lasting adhesion

3. Product Description:

Marmoflex-W is a two component high performance, polymer modified adhesive for fixing impregnated stone, tile and large format tile and stones where nominal to moderate substrate movement can happen.

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4. Features:

- Larger quantity of material can be mixed at a time due its longer pot life.
- It has excellent adhesion properties even with impregnated stones no slip is observed on vertical applications.
- It is ready to mix a two component system where powder is to be added in polymer liquid in the specified proportion to be applied.
- Shrinkage cracks are minimized/ eliminated due to its self curing properties.
- It is recommended for external cladding
- The tiled floor can be made available for foot traffic after 48 hours
- It is suitable for heavy duty applications with moderate structural movements.

5. Recommendation:

- It is suitable for gypsum boards, fibre cement boards, old tiles (porous and non porous) for both interior and exterior surfaces.
- It is use for application on cementitious substrate self levelling screed and blocks.
- It can be effectively used on vinyl tiles and on wooden floors using

6. Marmoflex Primer Usage Direction:

Apply thin coat of Marmoflex Primer on cement board, ply board & concrete before using marmoflex-W.

Surface Preparation:

- Clean the substrate of oil stains and also remove dirt, dust and laitance if any using high pressure waters jet or any other suitable method.
- Ensure that the substrate is flat, stable, well adhered and has a normal absorption. Fro fresh plasters & screeds ensure complete curing as recommended.
- Concrete screeds, renders and block work should be sufficiently cured to avoid shrinkage cracks.
- Correct the local undulation / damage on the substrate at least 48 hours before the application of Marmoflex-W saturate the surfaces well and remove excess water before application of the tile adhesive.

7. Mixing:

- Gradually add **Marmoflex-W compound A powder** to **Marmoflex-W compound B** of polymer liquid and mix it with a smooth, workable paste using stirrer or a low speed drill mix.
- Do not attempt to extend the pot life by adding more water to the mix. After mixing allow the mixture to stand for 4 minutes for it to mature.

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8. Application:

- Apply Marmoflex-W over the surface using the straight edge of the notch trowel and then comb the applied adhesive using the notched side of the adhesive is buttered to the tile, then ensure proper coverage of tile to avoid voids.
- Firmly press the tile into the adhesive to ensure good adhesion.

9. Technical Parameters

Pot Life	90 min
Setting times	
a)Initial Setting	200-280 min
b)Final setting	320-380 min
Slip Resistance	50 Kg/sqm
Open time 15-25 min Adjustment time	10 min
Foot traffic / groutable	48 hours
Tensile adhesion strength@ 28 days	
Compressive strength @28 days	>9 Mps
Deformability	>5mm
C2TES2	

10. FINAL PERFORMANCES:

Tensile adhesion strength in compliance with EN 1348 (N/mm²):

- **Initial tensile adhesion strength** **>1.5**

(after 28 days):

- **Tensile adhesion strength after heat** **>1.5**

ageing:

- **tensile adhesion strength after water** **>1**

immersion:

- **tensile adhesion strength after** **>1**

freeze/thaw cycles:

Resistance to alkalis:

Excellent

Resistance to oils:

Excellent (poor to vegetable oils)

Resistance to solvents:

Excellent

Temperature when in use:

From -30°C to +90°C

Product Name: **MARMOFLEX-W**

11. Pack Size: 20kg powder + 5L liquid

Colour: White & Grey

CONSUMPTION:

Coverage per mm of thickness $\approx 1.2 \text{ kg/m}^2$

12. Health & safety: Marmoflex-W is non-toxic. Use of gloves and goggles are recommended. Any Splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. Marmo solutions pvt ltd components are non flammable.



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