

1. PRODUCT IDENTIFICATION:

Product Name - MARMOMASTIC

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.

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Office hours: Monday- Saturday 10am-6pm

2. Marmomastic

Marmomastic is a paste like 2 component product based on unsaturated polyester resins dissolved in styrene, containing mineral filling agents. The products are distinguished by the following qualities:

3. Characteristics:

- Good working properties (grinding, milling, drilling)
- Good working properties creamy-soft consistency, especially on vertical surfaces
- Very good adhesion on natural stones also at higher temperatures (70 – 80°C / 158-176°F; in case of low exposure to strain : 100-110°C / 212-230°F)
- Fast hardening (20 – 60 min)
- Good polishing properties
- Resistant to water, petrol and mineral oils.

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4. Application:

Marmo Solutions pvt Ltd “Marmomastic is mainly used in stone processing industry for filling and bonding natural and artificial stones. Due to its creamy-soft consistency the product is suited to fill large areas especially on vertical surfaces.

5. Usage:

1. The surfaces to be treated must be clean, completely dry and slightly roughened.
2. Colouring is possible by adding marmo tint polyester colouring pastes up to max 5%. Dilution is possible in any ratio by adding Marmomastic transparent.
3. Add 1 to 4 g of white hardener paste to 100g of filler (4 to 5 cm of paste pressed out of the screw tube correspond at 1 g)
4. Mix both components thoroughly. The mixture can be worked for about 3 – 20 min (20°C/ 68°F)
5. After 20-60 min the treated parts can be further processed and transported.
6. The hardening process is accelerated by heat and delayed by cold
7. Tool can be cleaned with marmot cleaner.

6. Notes:

- Hardener portions higher than 4% reduce adhesion and deteriorate surface drying.
- Hardener portions less than 1% and low temperature (under 5°C/41°F) considerably delay hardening
- The bonding layers should be as thin as possible (<2mm) due to shrinkage (Approx 2-8 %) caused by the high reactivity of the filler and the development of heat during the hardening process.
- When filling bigger holes or modelling corners and edges use as little hardener as possible.
- Limited durability of bonding which is frequently exposed to humidity and frost.
- Moderate adhesion on fresh, alkaline building material.
- The hardened filler has a slight tendency of yellowing.
- Once hardened, solvents can no longer remove the filler. Removal is only possible mechanically or by higher temperature (> 200°C/ 392°F)
- Being worked properly, the hardened filler is generally recognized as not injurious to health.

7. Safety Measures: see EC safety data sheet

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Technical data:

- Colours: white, black, paglerino light, paglerino dark, paglerino extra dark, transparent, cisiliya, etc
- Density: 1.75 – 1.85 g/cm³ (coloured)
1.10 – 1.15 g/cm³ (transparent)

• Working time / min:

(a)At 20°C/ 68°F	(Coloured)	(transparent)
1 % hardener	8 – 10	16 – 20
2 % hardener	6 – 7	10 – 12
3% hardener	4 – 5	8 – 10
4% hardener	3 – 4	6 – 8

(b)With 2% hardener

At 10°C / 50°F	10 – 12	20 – 25
At 20°C / 68°F	5 – 6	10 – 12
At 30°C / 86°F	2 – 3	5 – 6

Shelf Life: 1 year approx. If stored in cool place free from frost in its tightly closed original container.

Notice: The above specifications were made in accordance with the present day stage in development and the application technology research of our firm. Because the ways and means of application are beyond our control, the manufacturer cannot be made liable for the content of this specification sheet.

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