

MARMOMASTIC CLEAR SOFT

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

1.1 Product identifier: MARMOMASTIC CLEAR SOFT

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



MARMOMASTIC CLEAR SOFT

1. MarmoMastic Clear soft are paste-like 2-components products based on unsaturated polyester resins dissolved in styrene containing mineral filling agents.

2. Properties:

- (a) Good working properties also on vertical surfaces due to paste-like consistency
- (b) Fast hardening (15-30 minutes)
- (c) Good working properties (grinding, milling, drilling)
- (d) Excellently polishable
- (e) Very good adhesion on natural stones also at higher temperatures (70-80°C; in case of low exposure to strain; 100-110°C)
- (f) Resistant to water, petrol and mineral oils.

3. Application Area:

- (a) Used in stone processing industry for filling natural stones.

Product Name: **MARMOMASTIC CLEAR SOFT**

MARMOMASTIC CLEAR SOFT

- (b) Due to paste like consistency it is possible to model corners and edges, fill bigger holes without sagging, fix slabs and window sills and to bond vertical surfaces.
- (c) Special attention is laid on the product
- (d) Neutral which does not contain any colour pigments and can thus easily be coloured to any shade required by adding Marmo Solutions “MarmoTint” or colouring concentrates.

4. Usage Instruction:

- (a) The surface to be treated must be clean, completely dry and roughened.
- (b) Colouring is possible by adding Marmo Solutions “Marmotint” up to max 5%.
- (c) Add 1 to 4 g of white hardener paste to 100g of filler
- (d) Mix both components thoroughly. The mixture can be worked for about 3 to 10 minutes (20°C)
- (e) After 10 to 20 minutes the treated parts can be further processed
- (f) The hardening process is accelerated by heat and delayed by cold.
- (g) Tools can be cleaned with solutions

5. Special Notes:

- (a) Hardener portions higher than 4% reduce adhesion and deteriorate surface drying.
- (b) Hardener portions less than 1% and low temperatures (below 5°C) considerably delay hardening.
- (c) The bonding layers should be as thin as possible (<2mm) due to shrinkage (approx 2-3 %) caused by the high reactivity of the filler and development of heat during the hardening process.
- (d) When filling bigger holes or modelling corners and edges use as little hardener as possible.
- (e) Non-durable resistance of bonding which are frequently exposed to humidity and frost.
- (f) Only moderate adhesion on fresh, alkaline building materials (e.g. concrete, concrete bricks)
- (g) The hardened filler has a low tendency to yellowing.
- (h) Once hardened, the filler can no longer be removed by solvents. Removal is only possible mechanically or by higher temperatures (>200°C)
- (i) Being worked properly, the hardened filler is generally recognized as not injurious to health.

Product Name: **MARMOMASTIC CLEAR SOFT**

MARMOMASTIC CLEAR SOFT

6. Technical Data:

(a) Colour: Honey Transparent

(b) Density: 1.70 – 1.75 g/cm³

(c) Working time (min.): at 20°C;

1% of hardener 8 – 10

2% of hardener 5 – 6

3% of hardener 4 – 5

4% of hardener 3 – 4

With 2% of hardener;

At 10°C 10 – 12

At 20°C 5 – 6

At 30°C 2 – 3

(d) Mechanical Properties:

Tensile Strength DIN 53455: 20 – 30 N/mm²

Bending Strength DIN 23454: 150 – 160 N/mm²

7. Storage: 1 Year approx. If stored in cool place free from frost in its tightly closed original container

8. Health & Safety: Read material safety Data sheet before handling or using this product.

9. Important Notice: The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information –as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.

Product Name: **MARMOMASTIC CLEAR SOFT**