



Product Data Sheet

Pox Mar Top

Pox Mar Top is a low viscosity, solvent free transparent epoxy system for natural stones.

Description

Pox Mar Top is a low viscosity system without solvents, used for resining marbles and granites when you do not want to darken the material, just making it look better by closing all the superficial holes and fissures.

Recommended Uses

Pox Mar Top finishes used for:-

- Marble
- Granite
- Natural stones

key features

- Environment friendly (odor free and no solvent)
- Highly UV Resistant
- Exceptional clarity
- Impermeable and seamless
- Dense surface resistant to moisture and easy to clean
- Hard wearing and highly polishable!
- Excellent impact strength
- Excellent adhesive properties

Technical Specification

Mix ratio by weight :	2 A : 1 B
Appearance	liquid clear
Color Gardner	< 2
Solids Content	100 %
Pot life from 23°C to 40°C for 100 ml @ 23 °C	Approx. 20 min.
Substrate temp.	Min 10 °C , max 30°C
Working time @ 23°C	Approx. 20 min.
Initial Curing time @ 23°C	Approx. 12 h
Complete hardening time @ 23°C	7 days
Hardness, Shore D	> 81



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How to use

Application:

Test on a small area before proceeding, so to ensure product suitability and final result.

Surface preparation:

- The surfaces that need to be treated must be degreased and treated mechanically and/or chemically before the application.

Mixing:

- It is important to remember that this product has a limited work time (Approx. 20 min. at 23 °C). Therefore it is wise to check and make sure everything is in order before starting the mixing sequence.

- Stir the contents of part A with an electrical stirrer. Add part B to part A completely for 2 – 3 minutes with a low speed stirrer until a homogenous mix is achieved. Be careful not to introduce any air bubbles while mixing until a uniform consistency is obtained. Afterwards the mixture is left to rest for approx. 3 minutes, then pouring **Pox Mar Top** in prepared surface.

- The tables below can be used to look up some common mix sizes A & B components by weight.

Mix Ratio Examples

A	B	Total
100	50	150
200	100	300
300	150	450
400	200	600
500	250	750

Processing conditions:

- Temperature-The optimal processing temperature is about 20 °C. Raising the temperature by 10 °C halves the pot life and doubles the reactivity
- Air humidity – The relative air humidity during processing should not exceed 65 %.
- Like all reactive resin systems the casting quantity is limited by the generated reaction heat (exothermal reaction): often a lower curing temperature (e.g. at an ambient night temperature lower than 20 °C) can counteract too great an exothermal reaction.

Cleaning

Cleaning all tools and equipments immediately after use with acetone or cellulose thinners.

Health and Safety

- Use gloves and breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Skin splashes to be removed with hand cleanser, soap and water.
- Eye splashes to be removed with plenty of water.
- If ingested seek medical advice.

The knowledge and the test results on this TDS are prepared due to the manufacturers experience. The results may differ the processing conditions



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Packages

Kits (A+B): 1 kg

Storage

- The resins and hardeners can be stored at least 12 months in their carefully sealed original containers.
- The resins and hardeners may crystallize at temperatures below +15 °C.
- The crystallization is visible as a clouding or solidification of the contents of the container.
- Before processing, the crystallization must be removed by warming up.
- Slow warming up to approx. 30 - 40 °C in a water bath or oven and stirring or shaking will clarify the contents of the container without any loss of quality.
- Use only completely transparent products.
- Before warming up, open containers slightly to permit equalization of pressure.
- Caution during warm-up ! Do not warm up over an open flame!
- While stirring up use safety equipment (gloves, eyeglasses, respirator)