



## Product Data Sheet

### Pox Mar 40

#### Description

**Pox Mar 40** is an optically clear two-component epoxy system with a low viscosity, high penetrative, high chemical & mechanical resistance, hardening at room temp. or with heat, good grinding and polishing properties. The hardened mass has a glass like appearance. It has high resistance to light.

#### Specification

Visual:	Transparent liquid
Density part A / part B at 23°C	approx. 1.03 g/cm <sup>3</sup>
Viscosity part A at 23°C	approx. 280 cps
Viscosity part B at 23°C	approx. 10 cps
Gardner colour of part A	≤ 1
Gardner colour of part B	≤ 1
Mixing ratio ( part A : part B ) in weight	4 : 1
Hardness in Shore D	82
Minimum reaction temperature	15 °C
Amount required:	100-200 g/m <sup>2</sup>
Working time: at 23°C for 100 g mix:	25-30 min.
Hardening time for stone slabs at 23°C	approx. 16 hours

#### Applications:

**Pox-Mar 40** is best to treat light colored and transparent stone. Stone -working industry for strengthening porous and fissured natural stone slabs and improving their surface qualities. Fills small holes and finishes at the same time the surface of the stone.

#### Instructions for use:

1. The stone slabs which are to be treated must be pre-calibrated according to their nominal thickness and must be clean and dry
2. If the surface of the stone is pre-warmed (45°C to 55°C), the penetrative capacity of the product will be increased.
3. Four parts by weight of Component A are to be thoroughly mixed with one part by weight of Component B (e.g. 100 g and 25 g) until the mixture is free of streaks.
4. The mixture remains workable for approx. 25-30 minutes at 23°C and is applied to the fissures or areas of greater absorption. Cracks which are running completely through the stone are to be closed on the back before application of **Pox Mar 40**
5. The surfaces can be ground and polished after approx. 24 hours at room temperature.
6. Warmth accelerates and cold retards the hardening process.

#### Storage:

It is at least 24 months at room temperature in the original sealed containers from the date of manufacture. Store away from excessive heat and humidity in tightly closed containers.

**Health & Safety:** Read Material Safety Data Sheet before handling or using this product.

Comp. A Classification: **Xi** "irritant" & Comp. B Classification: **C** "corrosive"

*The information provided is to the best of our knowledge reliable but its accuracy is not guaranteed and no warranty of this kind is made.*

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