

Decorative Concrete Mold Resin



Product Description

It is a polyurethane based, two – component mold chemical used in mold structure for the purpose of providing decorative patterns on concrete surface.

Product Features

- Solvent – free
- High temperature resistance (- 30C / +90C)
- It can be applied for several times with its solid structure. (between 80 – 100)

Areas of Application

It is concrete mold chemical prepared fast to be poured into a negative mold (wood, plaster, metal) developed before the applications such as decorative patterns, logo, writings etc. on concrete surface. Due to its flexibility, it is applied on railing walls, beam, columns and walls. Patterns on concrete surface may provide different effects depending on the light and angle. It is used in any type of decorative pattern production.

Application

A negative mold surface is coated with relevant mold release agent (wax), it is necessary for surface to be clean, dry, free from oil and dirt before the application of mold release agent. A component is opened and mixed well, then B component is slowly added, and it is mixed until obtaining a homogenous mixture, the mixture is poured into negative wax until its thinner part is 5 mm. It can be separated from mold 24 hours after application and it can be used after 72 hours,.

Technical Specifications

Color	Grey (different colors can be produced at the request)
Hardness Shore D	40 – 90 (can be produced at the request)
Binding agent	Polyurethane resin
Density	1,22 gr/ml
Mixing ratio	
Application time (23 C)	Between 50 – 60 min
Working temperature	15 – 30 C
Heat resistance	90 C
Curing (20 C)	Curing complete after 72 hours After pouring into mold
Volume loss	± 1

Storage and Shelf Life

Storage life is 2 years in normal conditions (+20 C) in dry and closed place. The production date is written on the label. Packages must be stored upright.

Warnings

It is necessary for mold to be coated with mold release agent before pouring it on mold and the surface to be clean, dry, and free from oil and dirt. Protect it from mechanical effects, dirt, heat changes, rain, snow, ice, and any aggressive chemicals. Don't use in high humidity conditions. Mold release agent can be evaporated in temperature above +50C.