

MEGA POLYURETHANE

Transparent or Colored Top Coat High Quality Polyurethane Base

DESCRIPTION

- * **MEGA POLYURETHANE** is a two component top coat system based on polyurethane.
- * **MEGA POLYURETHANE** is supplied as a glossy, transparent or colored top coat.

FIELD OF APPLICATIONS

- * **MEGA POLYURETHANE** for use over intermediate coat or primed surface for
- * **MEGA POLYURETHANE** to be used as a top coat primed with epoxy to achieve a high abrasion surface.

ADVANTAGES

- * Resistant to the effect of heat and water suitable for concrete, steel, wood, plaster board, etc.
- * Resistant to scratches and chemicals.
- * Durable and stands against tough weathering conditions.
- * Available in range of normal colors and metallic as well.
- * High coverage power and short drying time

MIXING

- * Pour component B completely into component A.
- * Mix both components thoroughly using a suitable mixer (300 rpm) until a fully homogeneous mixture is obtained.
- * Mixing time approx. 5 minutes.
- * Transfer pack tin content into suitable clean container and carefully stir again prior to application.

APPLICATION METHODS

Apply **MEGA POLYURETHANE** with a roller , brush or airless spray gun onto the prepared primed surface.

STRENGTH in Construction

TECHNICAL INFORMATION

Specific Gravity at 25° C	1.15 ± 0.02 kg / l	Coverage	5 - 7 sq. m / kg
Mixing Ratio A: B	3: 1 (by weight)	Solid Content (by volume)	62 % ± 2
Wet film thickness	60 - 100 micron	Crack bridging (mm)	> 1.5 ASTM C836
Dry film thickness	40 – 80 micron	Weight Loss (%)	< 40 ASTM C836

Chemical Resistance (*Tensile Retention*) (%) According to ASTM C957

Water	>70
Ethylene glycol	>70
Mineral spirits	>45

SATETY PRECAUTIONS

Keep the product away from the eyes, mouth and skin, do not inhale vapours. The uncured mixture contains isocyanate and can cause irritation of eyes, and skin.

The best protection is to wear protective gloves and to wear goggles while working at sufficient ventilation.

During spraying workers must wear a breathing apparatus.

Skin contamination should be immediately cleaned with soap and plenty of water. The use of solvents has to be avoided. If resin or hardener enter the eyes, wash immediately with running water. A doctor must be attended in all cases. The empty containers may contain residues of the product and should not be used for any purpose

STRENGTH in Construction

PACKAGES

3 kg Transparent Packages
4 kg Colored Packages

STORAGE

Shelf life of the product of unopened packing unit 12 months when stored at 20 °C under dry conditions

TECHNICAL SERVICES

For further information, on-site assistance and trails, Please contact our technical advisory services.