

MEGA POX BOND

Epoxy Resin For Bonding Old To Fresh Concrete

DESCRIPTION

MEGA POX BOND is a medium viscosity solvent free epoxy resin adhesive for bonding old to fresh concrete and mortar with excellent adhesion and protection properties for steel reinforcement surfaces

STANDARD SPECIFICATION

MEGA POX BOND complies with **ASTM C-881 type II Grade 2 , class B and C**

ADVANTAGES

- High bonding properties to concrete and steel surfaces.
- Can be applied for vertical or horizontal surfaces for dry or wet conditions.
- Shrinkage free during and after setting
- High chemical resistant so it works as a protection layer for reinforcement steel against corrosion

DIRECTION FOR USE

- * Clean the surface from dust, loose particles, etc...
- * Mix the 2 components of **MEGA POX BOND** thoroughly and apply to the old concrete or mortar surface by brush
- * The new concrete should be cast within 4 hours from **MEGA POX BOND** application
- *The number of coats depends upon the porosity of the surface usually 2-3 coats are applied
- *Application tools must be cleaned directly after use

TECHNICAL INFORMATION

Density at 25 °C	1.4 ± 0.02 kg/L	Color	Transparent
Solid content	100 % by weight	Water absorption ASTM D-570	0.20 % after 24 hours in water
Initial setting at 25 °C	5 - 6 hours	Compression strength ASTM C-579	83.00
Elongation ASTM D-638	3 %	Tensile strength ASTM D-638	35.00
Shore hardness ASTM D-2240	83.00	Bond strength ASTM D 882	Dry concrete 41N/mm2 Wet concrete 24 N/mm2

STRENGTH in Construction

CONSUMPTION

300 – 500 gm / m² (depends on surface roughness)

PACKAGES

4 kg (two components)

STORAGE

6months in sealed packs, under suitable storage conditions.

TECHNICAL SERVICES

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