

MEGA POX MULTI

Transparent And Pigmented, Solvent Free Epoxy Paint
For Concrete And Steel Surfaces And Multi-Purpose Industrial Flooring System

PRODUCT PROPERTIES

- * **MEGA POX MULTI** two components solvent free epoxy.
- * Mechanically, chemically and abrasion resistant
- * Can be applied on concrete and cementations screeds.

FIELD OF APPLICATION

- * Primer for cementations' substrate.
- * Top coat for anti-skid flooring
- * Self leveling mortar screed
- * Sealer for smooth surfaces
- * Chemical resistant flooring
- * Mechanical resistant mortar screed

SUBSTRATE PREPARATION AND MIXING

- * Substrate should be dry, sound and clean.
- * Humidity content should not exceed 4 %
- * The compressive strength for concrete should not be less than 250 kg/cm²
- * For smooth surfaces it is recommended to be roughened
- * Component A (resin) should be stirred before use. Pour component B (hardener) completely into component A and mix with suitable mixer for approx.5 minutes.
- * In the case of epoxy mortars, add the reweighted filling material to premixed epoxy and mix for approx. 3 minutes.

STRENGTH in Construction

APPLICATION AND RATE OF CONSUMPTION

- * **Primer coat** 200-300 gr/m²
clean sand (0.3-0.8 mm size) can be scattered with a rate of 500-1000 gr/m²
- * **Sealer coat** 200-250 gr/m² (Primer without scattering)
- * **Anti Skid coat** 300-400 gr/m² (Primer with scattering)
- * **Self leveling mortar** as per mixing chart (Primer with scattering)
Mortar to be applied 1-3 mm thickness
Apply by trowel in the expected layer thickness, remove air with spiked roller.
- * **Epoxy screed** as per mixing chart (Primer without scattering)
Apply and compact with trowel. Water tight surfaces can be achieved by a coat of thixotropized *MEGA POX MULTI* and a top coat on the next day.

TECHNICAL INFORMATION

Density at 25° C	1.15 kg/L	Maximum humidity	4 %
Viscosity at 25° C	630 mPas	Open to foot traffic	24 hours
Working life at 25° C	25 minutes	Open to light loads	3 days
Flexural strength	35-40 N/mm ²	Fully cured	7 days
Compressive strength	60-80 N/mm ²	Application temperature	10-35 ° C

Mixing Chart								
	Self-Leveling						Trowel Screed	
Layer thickness (ca.)	1mm		2 mm		3 mm		Up to 10 mm	
	M	C	M	C	M	C	M	C
MEGA POX MULTI	1	800	1	690	1	590	1	280
Quartz-flour F300			0.5	345	0.7	413		
Quartz-sand Ø 0.6-0.3 mm	1	800			0.7	413	1.4	390
Quartz-sand Ø 0.1-0.4 mm			1	690			1.4	390
Quartz-sand Ø 0.3-0.8 mm					0.7	413		
Quartz-sand Ø 1.0-1.8 mm							4.2	1180

STRENGTH in Construction

M = Mixing ratio in parts by weight
C = Consumption in g/m² per mm layer thickness

All data at 25° C . *MEGA POX MULTI* consumption can be increased when working at lower temperatures or using other sand types.

PACKAGES

1 kg , 3.5 kg (two components)

STORAGE

6 months in sealed packs, under suitable storage conditions.

TECHNICAL SERVICES

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