

## MEGA POX SL SCHUTZ

Multi-Purpose Chemical Resistant Solvent Free Epoxy

### DESCRIPTION

- *MEGA POX SL SCHUTZ* is a two component solvent free epoxy
- *MEGA POX SL SCHUTZ* is characterized by its resistance to the actions of high concentrated chemicals and severe conditions
- *MEGA POX SL SCHUTZ* is high resistant to friction and abrasion
- *MEGA POX SL SCHUTZ* is firmly adhered metallic and concrete surfaces

### ADVANTAGES

- \* *MEGA POX SL SCHUTZ* provides the highest protection against wide range of different chemicals, acids, alkalis and solvents
- \* *MEGA POX SL SCHUTZ* can also be mixed with considerable amounts of mineral aggregates to produce self-leveling , non-shrink, multipurpose epoxy mortar with high mechanical and chemical properties
- \* *MEGA POX SL SCHUTZ* has no harmful effect
- \* A thick coat can be achieved (150 : 600 micron) by using only a few number of coats
- \* *MEGA POX SL SCHUTZ* is suitable for inside and outside application as it resistance to U.V. rays and offers practical service temperature range of - 30°C to + 60° C

### FIELDS OF APPLICATIONS

- Coating of bridges and road structure, water and sewage plant
- Garages, nuclear power stations, stores and hospital rooms
- Chemical plants, textile shops, workshops, distilleries, laundries
- Steel tanks, pipes, machines, water and sewage plant

### DIRECTION FOR USE

- \* 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 / cm<sup>2</sup>
- \* 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

**TECHNICAL INFORMATION**

<b>Density at 25° C</b>	1.3 gr/cm3	<b>Compressive strength</b>	90 N/mm2
<b>Viscosity at 25° C</b>	750 mpas	<b>Open to foot traffic</b>	24 hours
<b>Working time at 25° C</b>	25 minutes	<b>Open to light loads</b>	3 days
<b>Solid content</b>	100 %	<b>Fully cured</b>	7 days
<b>Elongation</b>	6 %	<b>Adhesive strength on concrete</b>	More than 25 kg/cm2 (cracks in concrete)
<b>Flexural strength</b>	50 N/mm2	<b>Color</b>	Colored

**CHEMICAL RESISTANCE**

TEST MEDIA	MEGA POX SL SCHUTZ	TEST MEDIA	MEGA POX SL SCHUTZ
Sulphoric acid 70 %	+	Ammonia 20 %	++
Sulphoric acid 10 %	++	Benzene	++
Nitric acid 5 %	++	Soap solution 10 %	++
Nitric acid 15 %	+	Sewage	+
Phosphoric acid 10 %	+	Linseed oil	++
Phosphoric acid 20 %	-	Mineral oil	++
Hydrochloric acid 20 %	++	Milk	++
Hydrochloric acid 30 %	+	Petroleum	++
Sodium chloride 40 %	++	Acetone	-
CREASE	++	METHYL ALCOHOL	-
(++) excellent		(-) not resistant	
(+) good			

**PACKAGES**

1 kg , 3 ½ kg (two component)

**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.