

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 / 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

TECHNICAL INFORMATION

Density at 25° C	1.3 gr/cm ³	Compressive strength	90 N/mm ²
Viscosity at 25° C	750 mpas	Open to foot traffic	24 hours
Working time at 25° C	25 minutes	Open to light loads	3 days
Solid content	100 %	Fully cured	7 days
Elongation	6 %	Adhesive strength on concrete	More than 25 kg/cm ² (cracks in concrete)
Flexural strength	50 N/mm ²	Color	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	(+) good	(-) not resistant	

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.