

TECHNICAL DATA

FLOOR FORT - SL

TWO COMPONENT SELF LEVELLING FLOOR COATING



FLOOR FORT-SL is a high performance self leveling solvent free seamless high build epoxy floor coating and it provides concrete floor surface excellent resistance to abrasion and protection against chemical attack.

USES

Suited to apply on the floors requiring long lasting protection from heavy load and abrasion where as plants, warehouses, and laboratories. etc

ADVANTAGES

- Solvent free
- Easy and fast application.
- Excellent chemical and abrasion resistant
- Highly Durable



TECHNICAL PROPERTIES

Compressive strength	55N/mm ²
Flexural Strength	30N/ mm ²
Tensile strength	16N/ mm ²
Touch day dry	7 hrs @ 25°C
Over coat time	24 hours
Light foot traffic	After 24 hours @ 25°C
Full cure	5 days@ 25°C
Coverage (theoretical)	2 kg / m ² @ micron thickness



CHEMICAL RESISTANCE:

FLOOR FORT –SL has been tested for resistance to a comprehensive range of industrial chemicals. This result below were obtained after constant immersion for 3 months at 20°C and 35°C.

CHEMICALS	CONCENT RATION	RESISTANCE
Lactic acid	15%	Excellent
Citric acid	10%	Excellent
Phosphoric acid	50%	excellent
Nitric acid	10%	good
Sulphuric acid	50%	good
Ammonia	10%	good
Diesel/petrol		excellent
Oil /greases		excellent



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APPLICATION

Surface Preparation

The substrate (concrete) should be fully dry, clean and sound. Grid blasting is preferred cracks should be repaired and should allow to cure. The substrate should be moisture free

Priming

Prime the fully prepared surface with the given primer .

Mixing

Mix part B (hardener) and part A(resin) together using a slow speed drill fitted with a paddle. Then slowly add Part C and mix it well for 3 -5 minutes to get even consistency.

Application

Apply by poring on to the tack free primed surface and spread with a steel trowel to produce a seamless surface of min 2mm . Within 0 minutes the

material should be rolled with a spike roller in two directions to remove all entrapped air .

Cleaning of tools

Clean all the tools and equipment with Organix Solvent CL immediately after the use.

PACKING

Available in std 5 kg Kit

STORAGE:

Store under ware house conditions ,in the original unopened packs.
Shelf life: 12 months under conditions below 35°C

HEALTH AND SAFETY

Flash point 52°C , may Irritate to eyes and skin. Avoid breathing fumes, Wear suitable gloves and eye/face protection . Wash hands with water after use.

