



GP FLOOR LEVEL SS 2000 & 4000

EPOXY BASED FLOOR TOPPING 2MM 4MM

DESCRIPTION:

GP FLOOR LEVEL SS 2000 & 4000 are pre-packed three part self smoothing topping which consist of a grade pigmented filler in an epoxy binder.

TYPICAL USES:

GP FLOOR LEVELS SS 2000 & 4000 may be used in industrial and commercial situation to provide long lasting finishes in particular where an impervious, abrasion resistant and easy to clean floor is required. GP FLOOR LEVEL SS 4000 is designed for use in high abrasion or impact loading situations. GP FLOOR LEVEL SS 2000 & 4000 are designed to be used in variety of situations, such as engineering, production and maintenance areas, warehousing. Food production, for example dairies, bakeries and cleaning plants, beverage production and bottling facilities. Medical and pharmaceutical factories for example production areas and laboratories, kitchens, laundries and canteens, show rooms & demonstration areas.

ADVANTAGES:

- ✓ Impact and abrasion resistant
- ✓ Resistant to a range of industrial chemicals
- ✓ Minimum down time due to fast application
- ✓ Available in a range of colors to provide an attractive light reflective floor

TECHNICAL DATA:

Typical result at 20°C	Compressive strength (BS 6319)	60N/ mm ²
	Flexural strength (BS 6319)	30N/ mm ²
Exposure Times	Foot traffic	24 hrs
	Vehicle traffic	72 hrs
	Chemicals	7 days
	Pot life	45 minutes



CHEMICAL RESISTANCE CHART:

15% lactic	Very good
10% Citric acid	Very good
50% Phosphoric acid	Very good
Concentrated Bleach	Very good
Saturated urea Solution	Very good
White spirit	Very good
Oils	Very good
Petrol	Very good
Diesel	Very good
Grease	Very good
10% Ammonia	Very good
50% Hydrochloric acid	Good
10% Nitric acid	Good
Saturated sugar solution	Good
Xylene	Good
Caustic Soda	Good

SURFACE PREPARATION

It is essential that adequate preparation is carried out prior to the application of GP FLOOR LEVEL 2000 & 4000. Shot blasting is recommended to ensure the removal of all laitance, grease and oil. The resultant surface should be dry and dust free. Cracked and damaged areas must be made good with appropriate repair materials.

PRIMING:-

The prepared surface should be primed with GP PRIME 110. The contents of the souring agents should be emptied the base component and stirred with a spatula until the product appears uniform. The mixed primer should then be applied to the prepared substrate by stiff brush at 5mm liter.

If the primer appear to be absorbed into the floor easily, it will be necessary to apply a second coat once the initial coat is tack free.



It is essential that the primer is tack free prior to the application of the topping the application GP FLOOR LEVEL SS 2000 or 4000 should commence between 8-24 hrs after priming. If this period is exceeded then the surface of the primer should be lightly abraded reapplication of a fresh priming coat.

MIXING:-

GP FLOOR LEVEL SS 2000 & 4000 are supplied in three components kits consisting of a base component a curing agent and bag of graded filler. Both the liquid components should be briefly stirred to ensure that any settlement products are fully suspend, empty the entire contents of the curing agent and the base component into a 25 liter metal container with straight sides. To ensure that all the material is extracted the inside of the tins should be scrapped. The curing agent and base component should then be mixed slowly with speed heavy duty electric drill and spiral mixing paddle for at least 2 minutes until the mixture appears uniform. The aggregate is slowly added to the resin while mixing and the mixing operation continues for a further 5 minutes.

APPLICATION

A quantity of the mixed products should be produced on to pack tack free primer surface and floated with a steel trowel to produce a seamless surface at a minimum thickness of 2mm of GP FLOOR LEVEL SS 2000 and at thickness range of GP FLOOR LEVEL 4000 of 3-6mm.

EQUIPMENT CLEANING

All equipment may be cleaned of uncured using GP SOLV 111

PACKING AND YIELD:

Both grades of material are three part system with the following coverage relates.

GP FLOOR LEVEL SS 2000 – 24KG pack gives 6-7M2 @2MM thick

GP FLOOR LEVEL 4000 – 24 KG pack gives 3.3-3.6M2 @4MM thick

APPLICATION TEMPERATURE RANGE:

Minimum – 5°C

Maximum – 35°C

STORAGE AND SHELF LIFE:

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and all personal should avoid inhaling the vapors product. If working is necessary in confirmed area it is strongly recommended that sealed repaired equipment is utilized.

Eye contact – Rinse with copious amount of clean water and seek medical attention.

Skin contact – Rinse with copious amount of clean water followed by cleaning with soap and water.

Ingestion – Seek immediately medical attention.



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DO NOT SOLVENTS-DO NOT INDUCE VOMITING

Note: All data statement and recommendations made here are based upon information we believe to be reliable, but are made without representation of guarantee or warranty of accuracy. Our products are sold on the condition that the user themselves evaluate them as well as our formulae and recommendations to determine their stability for its own purpose before adoption. Also statements regarding the use of our products or process are not construed as recommendations for their use in violation of any patent right or violation of any applicable laws of regulation

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