

DURAFLOOR SL (2K)

A SELF-SMOOTHENING EPOXY TOPPING LAID IN 1 - 2MM THICK

DESCRIPTION

DURAFLOOR SL (2K) is a seamless, self-smoothing epoxy topping laid between 1 - 2 mm in a single application.

USES

To provide an easy to clean, chemical resistant and hard wearing floor finish. Typical area of application includes cleanrooms, pharmaceuticals, electronics, food packaging, dry process manufacturing and other hygienic processing environments.

BENEFITS

- Hygienic - provides easy to clean dust free surface
- Range of colors - enhances working environment
- Food grade - non-solvent and taint free formulation
- Hard wearing - good abrasion resistance to withstand light vehicular and foot traffic.

COLORS

Available in standard flooring colors.
Other colors can be matched upon request.

FINISH

Gloss



Technical Data :

No. Of Component	2
Mixing Ratio	5 : 1 by weight of Part A, Part B
Estimated Coverage - 1 - 2mm	1.5 kg/m ² /mm
Bond Strength	Failure at concrete substrate
Compressive strength	50 N/mm ²
Abrasion Resistance	0.6 gms/1000 gms Loading 1000 rpm (CS-17wheels)
Flexural strength	>20 N/mm ²
Pot Life	30min @ 28°C
Initial Cure Foot Traffic	24 hours @ 20 °C
Vehicular traffic	48 hours
Fully cure	7 days
Packaging	12 & 24 kg
Storage & Shelf Life	unopened in dry conditions at 10°C - 25°C / 12 months

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.

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DURAFLOOR SL (2K)

A SELF - SMOOTHENING EPOXY TOPPING 1 - 2MM THICKNESS

SUBSTRATE REQUIREMENT

Substrate to receive **DURAFLOOR SL (2K)** should preferably be Grade 20 concrete or above, waterproofed and impermeable that when measured with a moisture meter, its reading should not exceed 5%. Cracks, joints if present must be treated accordingly by normal concrete repair procedures.

SURFACE PREPARATION (SP)

Laitance and other foreign materials are to be removed by grinding, grit blasting or scarification depending on the profile and depth of removal required. All residues must be vacuumed to provide a dry, dust-free, open textured surface.

MIXING

DURAFLOOR SL (2K) is a 2 component product which requires proper mixing and handling. Hand mixing is not recommended at any stage of mixing. It is advisable to read the Product Data Sheet thoroughly and understand its properties before proceeding to use the product.

Pack components are pre-weighed for optimum performance. Add Part B to Part A in a mixing container. Mix with a high power slow speed drill fitted with a well mixed before use. helical spinner type until.

APPLICATION

1st Layer/Primer

Thoroughly prepare the substrate and repair cracks/ potholes if necessary followed by priming using **UNIPRIME 134 WB** applied at a spreading rate of 5m²/kg/coat. Depending on the porosity of the concrete, more than one coat may be necessary. Allow to cure for minimum 8 hours before applying the top coat.

Top Coat

Apply **DURAFLOOR SL (2K)** self-level epoxy by trowel or squeegee. Thoroughly spike roll the **DURAFLOOR SL (2K)** and allow to cure. Installation time will vary with site conditions, the areas involved and the system chosen.

TEMPERATURE

DURAFLOOR SL (2K) should not be applied on materials or floor temperatures below 10°C. Temperature should not fall below 5°C in the first 24 hrs after application.

LIMITATION

DURAFLOOR SL (2K) should not be applied to the following substrate: Asphalt, unmodified sand cement screeds, PVC tiles or tiles.

CHEMICAL RESISTANT

DURAFLOOR SL (2K) has excellent resistant to a wide range of industrial chemicals.

Performance against more common chemical:-

	Excellent	Good	Limited
Hydrochloric acid 10%	✓		
Sulphuric acid 50%	✓		
Citric acid 10%	✓		
Acetic acid 10%		✓	
Lactic acid 10%		✓	
Natrium hidroksida 50%	✓		
Methanol		✓	
Sugar syrups	✓		
Caustic soda	✓		
Petrol		✓	
Oil	✓		
Detergents	✓		

HEALTH & SAFETY

Some of the components in this product may be hazardous during mixing and application. Wear suitable protection clothing, gloves and eye protection. The use of barrier creams provides additional skin protection. In case of contact with eyes, rinse immediately with plenty of clean water and consult a physician. If swallowed, do not induce vomiting and seek medical attention immediately.

FURTHER INFORMATION

CEMKRETE is the leading supplier of engineered construction products in South East Asia. Our full line of products includes industrial polymer floor and wall coatings, waterproofing, structural repair materials, and other specialty protective coatings. Your solution provider to solve any building needs.

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