

DESCRIPTION

DURAFLOOR SL a seamless, self-leveling epoxy flooring system laid between 1-3mm in a single application.

USES

To provide an easy to clean, chemical resistant and hard wearing floor finish. Typical areas for use are cleanroom, pharmaceuticals, electronics, packaging, food, dry process manufacturing and other hygienic processing environment. Suitable for AGV, Hovair and other robotic equipment trafficking.

BENEFITS

- Easy to clean & sterilize, low maintenance requirement.
- Seamless & hygienic finish, no crevices where dirt and bacteria can dwell.
- Attractive, light reflectance appearance.
- High abrasion resistance.
- Solvent free, low odour.
- Fast installation.

COLORS

Available in Standard Flooring colors. Other colors can be matched upon request.

FINISH

Gloss

**Technical Data :**

No. Of Components	2
Mixing Ratio	5:1 by weight of Part A & Part B
Pot Life	30-45 mins @ 25°C
Fully Cure	1~2 days @ 25°C
Abrasion Resistance	60mg(CS10/1000/1000)
Impact Resistance	Good
Decontamination Classification	Good (as per BS4247 Pt 1 test A)
Tensile Strength	≥9 MPa
Touch Dry	4 - 6 hours @ 25°C
Bond Strength	≥1.5 MPa
Solid Content	96.2 %
Compressive Strength	≥80MPa
Packaging	25 kg
Storage & Shelf Life	unopened in dry conditions at 10°C - 25°C / 6 months
Estimated Consumption	0.6~0.9 kg/m ²

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

A SELF - LEVELING EPOXY TOPPING

CEMKRETE[®]

ISO 9001 & 14000 CERTIFIED

APPLICATION PROCEDURE

SURFACE PREPARATION

Substrate to be coated must be sound, clean and free from any contamination. Total enclosed shot blasting or scarifying should be employed followed by thorough vacuuming. All applications must be carried out in accordance with manufacturers' written instructions. Any surface irregularities may show through causing excessive wear on high spots and changing the perceived color of the coating. Surfaces to be primed must be water proofed with moisture content below 4% and Rh below 60% as per BS8203: 1987.

DURAFLOOR SL should be applied by specialist applicators.

APPLICATION

1st Layer

Thoroughly prepare the substrate and repair cracks/ potholes if necessary followed by Primer using **UNIPRIME 134 WB** applied at 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.

2nd Layer

Apply second layer by mixing **DURAFLOOR SL** with fine silica sand at the ratio of 1:6. Level to required thickness and allow to cure for minimum 8 hours before sanding to receive top coat.

Top Coat

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

MIXING

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 and helical spinner, or in a pan type mixer, until uniform.

LIMITATION

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

TEMPERATURE

DURAFLOOR SL should be applied at temperature above 7°C and Rh below 60%.

REPAIRS AND LEVELS

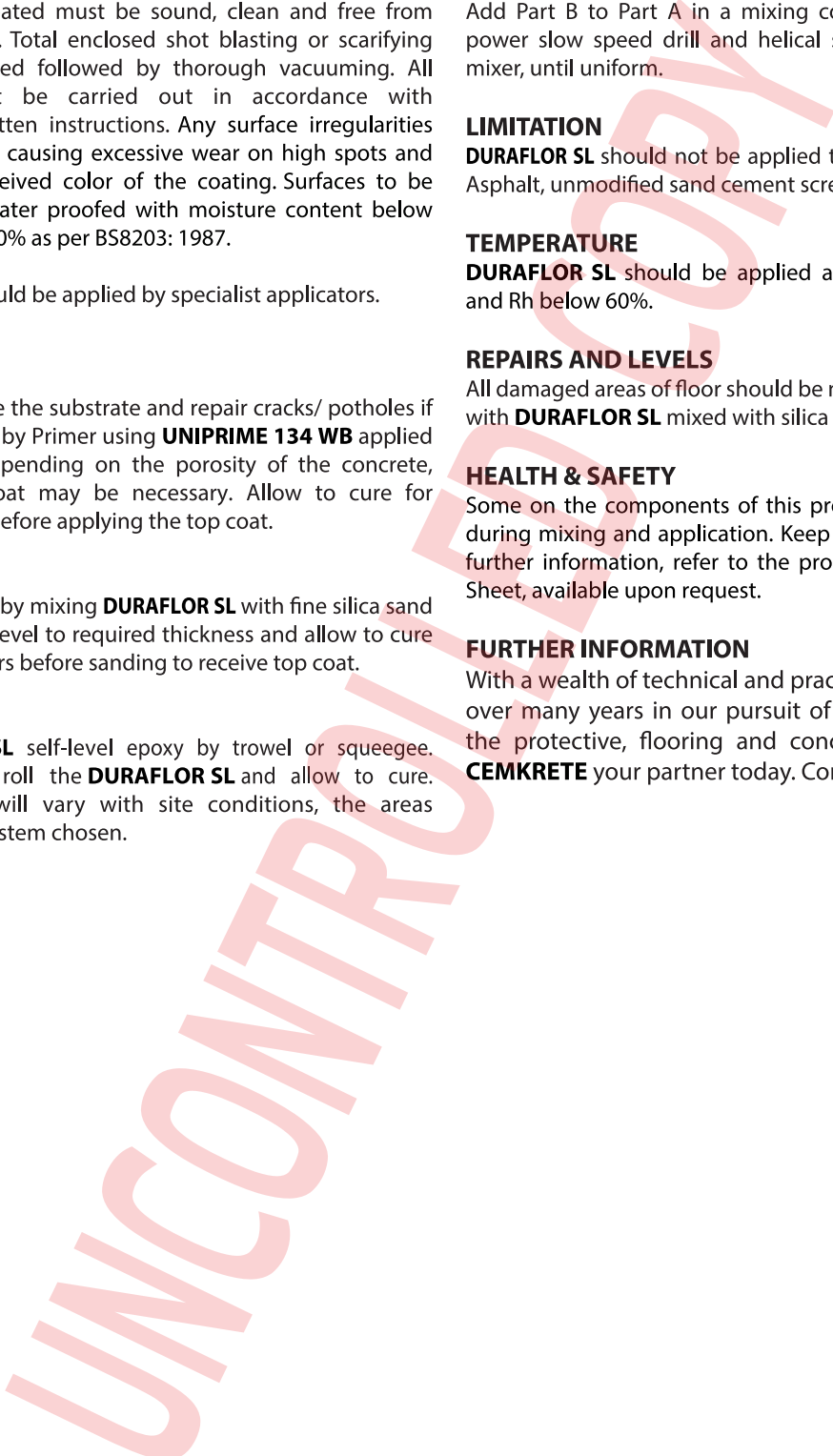
All damaged areas of floor should be made good and up to level with **DURAFLOOR SL** mixed with silica sand.

HEALTH & SAFETY

Some of the components of this product may be hazardous during mixing and application. Keep out reach of children. For further information, refer to the product Material Safety Data Sheet, available upon request.

FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in our pursuit of excellence especially in the protective, flooring and concrete technology, make **CEMKRETE** your partner today. Contact hotline now.



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