

DESCRIPTION

DURAFLOOR SL METALLIC is a solvent free epoxy coating designed for commercial settings and is used to provide an attractive versatile metallic finish.

USES

DURAFLOOR SL METALLIC can be applied on a variety of substrates, as long its being used with a proper primer. It is recommended as a decorative coating on floor where both high level of aesthetics and cleanliness are desired.

Ideally it is suitable to be used for showroom, malls, galleries, hotels and etc.

ADVANTAGES

- Attractive, excellent aesthetics
- Excellent adhesion to most substrate with proper primer
- Excellent resistance to abrasion, impact and thermal shock
- Easily cleaned & low maintenance required
- Seamless, low odour & low permeability
- Design versatility

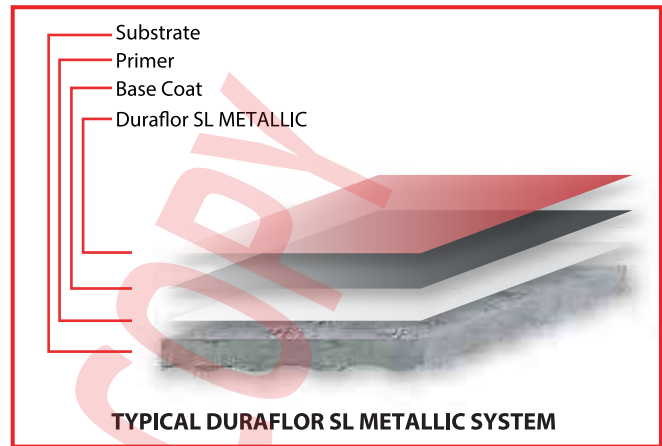
COLOR

Available in a range of standard colors, including:

Black	Blue
Red	Purple
Green	White

FINISH

Gloss



Technical data	
No. of components	2
Volume solids	100%
Theoretical coverage @ 100µm	4m ² /kg
Touch dry	2 hours @ 30°C
Hard dry	24 hours @ 25°C
Hardness (Shore D)	70 - 75
Compressive strength	35N/mm ²
Tensile strength	12N/mm ²
Flexural strength	30N/mm ²
Abrasion resistance	100 mg/1000 cycles
Shelf life	Unopened in dry conditions at 25°C / 12 months
Packing	Part A= 2.5kg, Part B= 1.5 kg

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 METALLIC

A METALLIC SOLVENT FREE EPOXY

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

APPLICATION PROCEDURE

SURFACE PREPARATION

Substrate should be structurally sound, clean, and free from loose particles, oil, grease and other contaminants. Remove any traces of cement laitance, loose particles, and other contaminants from surface by mechanical cleaning preferably stone grinding and followed by vacuuming.

All DURAFLOOR SL METALLIC applications must be carried out by trained applicator in accordance with manufacturers' written instructions only.

APPLICATION

• Primer

It is recommended to use Cemkrete UNIPRIME 134 RAPID for all substrate except moisture prone floor which UNIPRIME 134 WB is preferred. Allow to cure for minimum 12 hours.

• Base coat

Apply a base coat of EPOCOTE 106 HB either in black or white color by roller and spread at 5m²/kg/coat. Allow to dry for 8 hours minimum.

The brilliance of DURAFLOOR SL METALLIC will much depends on chosen color as the base coat.

• Metallic Finish

Apply DURAFLOOR SL METALLIC as finishing by roller at a spreading rate of 5m²/kg/coat. Take care when handling the product as different stroke movements will alter the patterns of the finishing top. It is recommended to do a trial sample to determine the pattern as desired first before proceeding to do the full-scale area.

The patterns that can be created is only limited by the applicator's imagination. It is encouraged and recommended to make use of different tools as well as application techniques to work out the desired patterns.

MIXING

All components are pre-weighted for optimum performance. Never split or proportionate the packs. Add Hardener B to Base A in a mixing container. Mix using a high power (750 rpm) electric drill fitted with a helical spinner, until uniformed.

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

TEMPERATURE

DURAFLOOR SL METALLIC should not be applied on floor temperatures below 10°C. The temperature should not fall below 5°C in the next 24 hrs after application.

Concrete slabs exposed to low temperatures will act as a heat sink. Heating with hot air gas blowers for 24 hrs can cause air temperature to rise from 4°C to 20°C but the concrete slabs may only be raised up to 6°C.

SUBSTRATE MOVEMENT

All moving joints must be properly sealed before applying DURAFLOOR SL METALLIC. While construction joints and cracks may be covered, should substrate movement occurs, DURAFLOOR SL METALLIC will reflect the cracks from the moving joints.

HEALTH & SAFETY

Some of the components of this product may be hazardous during mixing and application. Keep out of the 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 our hotline now.

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