

DURAFLO SC UNDERLAY

A SELF-SMOOTHING EPOXY SCRATCH COAT

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

DESCRIPTION

DURAFLO SC UNDERLAY is a solvent free, cost effective, self-level epoxy resin scratch coat that can be applied to most substrate for use where adjustment of subfloor contours or heights are necessary. It also useful as a repair system for damaged surfaces prior to the application of the final floor finish.

USES

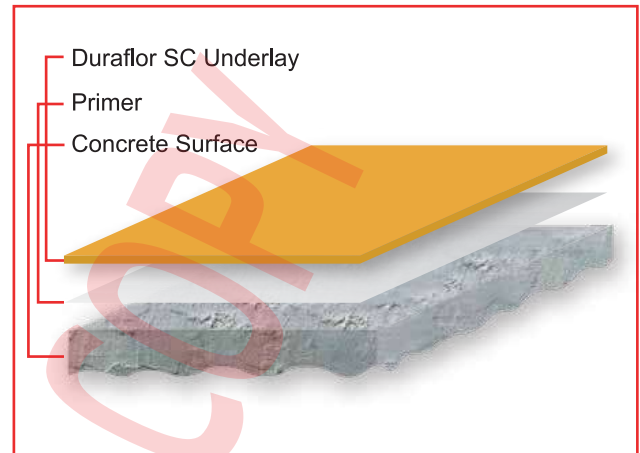
DURAFLO SC UNDERLAY can be used as scratch coat/underlayment for adjusting floor contours and levels or roughness on the floor surface before application of the final floor finish. Ideally used as a scratch coat over compacted **Duraflor EM**.

BENEFITS

- Cost effective
- Easy application
- Excellent bonding
- An excellent floor leveler
- Low water permeability and low odour

COLORS

Amber



Technical Data :	
No. of Components	2
No. of Coats Recommended	1
Recommended Dry Film Thickness	0.5 ~ 1mm
Mixing Ratio	5 : 1 by weight
Pot Life	20 min @ 30°C
Initial Cure (Foot Traffic)	24 hours
Fully Cured	7 Days
Storage & Shelf life at 25°C	12 months in unopened packs
Estimated Coverage	0.9/Kg/m ² @ 1mm thick
Solid Content	95 %
Sandable Time	16 hours
Packaging	30kg

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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SPECIFICATION

Substrate to be coated must be sound, clean, and free from any contaminant. Mechanical stone should be employed followed by thorough vacuuming. Apply **DURAFLOOR SC UNDERLAY** at a spreading rate of 0.9 kg/m² with trowel or squeegee on cured primer.

APPLICATION PROCEDURE SURFACE PREPARATION

All surfaces to receive **DURAFLOOR SC UNDERLAY** must be of sufficient strength to support loads applied through the topping. It must be free from rising damp. All contamination must be removed to give a clean dry textured surface.

MIXING

Pack components are pre-weighed for optimum performance. Never split or proportion packs. Add Hardener B to Base A container. Mix with a high power (750rpm) stirrer or helical spinner mix for 3 minutes until uniform.

APPLICATION

On the thoroughly prepared floor surface, repair deep depressions using **DURAFLOOR SC UNDERLAY** binder with selected silica aggregate for patching. Apply primer **UNIPRIME 134 WB** by roller and allow to cure. Then apply **DURAFLOOR SC UNDERLAY** using trowel or squeegee to required thickness followed by spike rolling the **DURAFLOOR SC UNDERLAY** to release entrapped air and allow to cure.

LIMITATIONS

DURAFLOOR SC UNDERLAY should not be applied onto surface known to suffer from rising damp conditions or having a relative humidity of greater than 75% as measured in accordance with BS 8203, Appendix A or by a Vaisala thermo hygrometer type HMI 31. If such an occurrence should happen it is recommended to apply **CEMFLOOR MBS** as a moisture barrier. Further information available upon request. If movement or cracking of the substrate takes place after application then reflective cracking of the topping may occur. All known expansion joints should be maintained in the topping.

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

Concrete slabs exposed to low temperatures act as a heat sink. Heating with hot air gas blower for 24 hours can take the air temperature from 4°C to 20°C but the concrete slab may only be raised up to 6°C.

TEMPERATURE

DURAFLOOR SC UNDERLAY should not be applied at material or floor temperatures below 10°C. Temperature should not fall below 5°C in 24 hours after application.

Substrate Movement

All moving joints must be carried through the **DURAFLOOR SC UNDERLAY** and properly sealed. Construction joints and cracks may be covered but if substrate movement occurs, the **DURAFLOOR SC UNDERLAY** will reflect the cracks.

CHEMICAL RESISTANCE

	Excellent	Good	Limited
Hydrochloric acid 10%	✓		
Sulphuric acid 25%		✓	
Citric acid		✓	
Acetic acid 5%		✓	
Lactic acid 10%		✓	
Acetone			✓
Methanol	✓		
Sugar syrups	✓		
Caustic soda	✓		
Petrol		✓	
Oil	✓		
Detergents		✓	

HEALTH & SAFETY

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