

DURAFLOOR SL COLORQUARTZ

A DECORATIVE SELF SMOOTHENING EPOXY TOPPING 1 MM THICKNESS

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

DESCRIPTION

DURAFLOOR SL COLORQUARTZ is a seamless, decorative self-smoothing epoxy topping meant for 1 mm in a single application.

USES

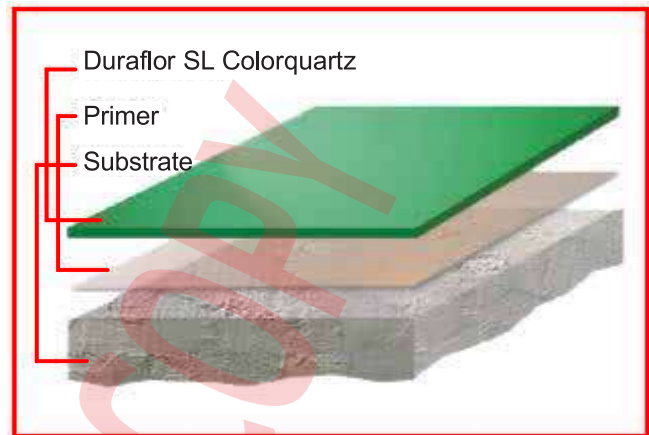
To provide an easy to clean, decorative and durable floor with outstanding wear and chemical resistance. For use on areas like food processing, clean rooms, laboratories, hospital, light duty manufacturing areas and as a topping for **DURAFLOOR EM** Mortar System.

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 with stands foot and light vehicular traffic.

COLORS

Available in a range of standard color combinations. Other colors can be matched upon request.



Technical Data	
No of Component	2
No of Coats Recommended	1
Mixing ratio	12:2
Light traffic	24 hours
Vehicular traffic	48 hours
Fully cured	7 days
Compressive strength	50 N/mm ²
Flexural strength	34 N/mm ²
Bond strength	Failure at concrete substrate
Abrasion resistance	0.15gm/ 100 gm loading at 1000 rpm
Electrical resistance (ASTM F150-72)	1012ohms
Finishing	Gloss
Packaging	14 kg of Base A & Hardener B
Pot life	20 min @ 28°C
Coverage	1.5 kg/m ² @1mm
Storage & Shelf Life	12 months in unopened in dry conditions at 10°C - 25°C

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

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.

DURAFLOOR SL COLORQUARTZ should be applied by a specialist applications who must follow the product applicator guide. The following steps are involved in the application procedures which would normally take place over a 3.5 days period.

MIXING

Pack components are per-weighed for optimum performance. Never split or proportion packs. Add Base A with Hardener B in a mixing container. Mix with a slow speed drill and helical spinner until uniform.

APPLICATION

Thoroughly prepare the floor surface, if necessary repair and level the floor surface. Apply **UNIPRIME 134 WB** with a roller and allow to cure. Apply **DURAFLOOR SL COLORQUARTZ** floor topping with a trowel, squeegee or roller. Thoroughly spike rolls the **DURAFLOOR SL COLORQUARTZ** and allow to cure. Installation time will vary in site conditions, the areas involved and the system chosen.

LIMITATION

DURAFLOOR SL COLORQUARTZ should not be applied onto surfaces known to suffer from rising damp conditions or having a relative humidity of greater than 75% as measure in accordance BS 8203 Appendix A or with a Vaisala Thermo Hygrometer type HMI 31. If such an occurrence should happen it is recommended to apply **DURAFLOOR NWB 21** as a moisture barrier.

DURAFLOOR SL COLORQUARTZ should not be applied to the following substrate: Asphalt, Unmodified Sand Cement screeds, PVC tiles or Tiles.

TEMPERATURE

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

SUBSTRATE MOVEMENT

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

CHEMICAL RESISTANCE

Excellent resistance to alcohol and most acids (organic & inorganic). Consult **CEMKRETE (M) SDN. BHD.** for more detailed test data.

TYPICAL CHEMICAL RESISTANCE CHART

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

STORAGE AND SHELF LIFE

Stored unopened in dry conditions at 10-25°C, shelf life will be 12 months minimum.

HEALTH AND SAFETY

Some of components in this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheets, available from **CEMKRETE (M) SDN. BHD.**

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **CEMKRETE** have a wealth of technical and practical experience built up over many years in our pursuit of excellence in flooring and concrete technology. Clients are welcome to call our Technical Service department.

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