

DESCRIPTION

A seamless epoxy terrazzo flooring system, which avoids the jointing and hygiene problems associated with tiles.

USES

To provide a decorative and durable floor with outstanding wear and chemical resistance. Typical uses are electronic, food, pharmaceutical, chemical production and process areas.

BENEFITS

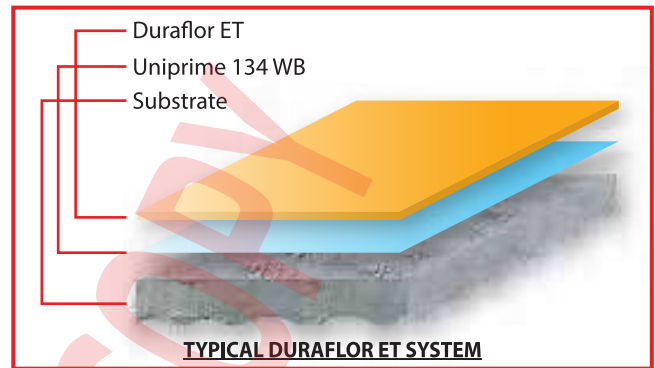
- Easy to clean
- Excellent abrasion resistance
- Excellent chemical resistance
- Decorative high class Terrazzo appearance
- Seamless and hygienic diamond ground finish

COLOR

Available in a range of standard color combinations.

PACKAGING

Available in 30.5kg packs, consisting of Base A, Hardener B, Filler C and Filler D (Stone).



Technical Data :	
No. of Components	4
No. of Coats Recommended	1
Recommended Dry Film Thickness	6-8 mm
Mixing Ratio (By Weight)	3.9 : 1.6 : 15 : 10 by weight of Base A, Hardener B, Filler C and Filler D(Stone)
Pot Life	30 min at 25°C
Curing Time	Light Traffic - 16 hours @ 35°C Full Traffic - 48 hours @ 35°C Full Cure - 7 days at 25°C
Estimated Coverage	15kgs/m ² /8mm
Compressive Strength	75N/mm ²
Flexural Strength	20N/mm ²
Tensile Strength	8N/mm ²
Impact Strength	< 0.5 mm (BRE Screed test)
Permeability	NIL (Karstner test method)
Packaging	Available in 30.5kg packs, consisting of Base A, Hardener B, Filler C and Filler D(Stone)

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**

All laitance and contamination to be removed by scarification or heavy grit blasting to give an exposed aggregate surface. All residues must be removed to provide a dry, dust free open textured surface.

MIXING

Mix Base A with Hardener B thoroughly using a low speed industrial drill with helical spinner. Mix Filler C and D with a forced action mixer until homogeneous.

APPLICATION

Spread the screed by sledge or wooden float to give slightly over the required thickness. Trowel to a level and uniform finish using a steel bladed trowel.

GRINDING & FINISHING

After 24 hours (dependent on temperature) wet diamond grind, followed by a wet silicon carbide block grind. Clean thoroughly by vacuum.

SEALING

When dry, apply DURAFLO ET grout by mixing Part A & B and apply by squeegee or tight trowel to fill up voids/holes. Remove any excessive grout and after a further 16 hours, give a final wet grind.

SUBSTRATE REQUIREMENT

1. Must be sufficient strength (min 25 N/mm²) to support loads applied through the topping.
2. Must be free from rising damp.
3. All contamination must be removed to give a clean dry open textured surface.

SUBSTRATE MOVEMENT

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

PRIMING

Only use UNIPRIME 134 WB.

TOOL CLEANING

Clean tools with Acetone before the product harden.

CHEMICAL RESISTANCE

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

TYPICAL CHEMICAL RESISTANCE CHART

	Excellent	Good	Limited
Hydrochloric Acid, 10%	✓		
Sulphuric Acid, 50%	✓		
Citric Acid, 30%	✓		
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 & SAFETY

Although Duraflor ET is an epoxy product, some of the components may be hazardous during mixing and application. Always use with suitable protective gears and adequate ventilation. Please read the relevant Health & Safety Data Sheet, available on request.

FURTHER INFORMATION

CEMKRETE SDN BHD is the leading manufacturer of Polymer Flooring System and we have many years of hands on experiences not limited to car park only. Our core business besides flooring, we are also known supplier of protective coatings, water proofing, concrete repair products, cementitious / Epoxy / PU grouts, fire proofing, tank lining and surface preparation equipment. For a complete technical solution, make CEMKRETE your partner today. Contact CEMKRETE hotline now.

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