

DESCRIPTION

A seamless polymer terrazzo with exceptional decorative aesthetics. Can be incorporated with a wide range of aggregates and polished to give a smooth surface.

USES

Designed to provide a decorative and durable floor with outstanding wear and chemical resistance. Suitable to be used in electronic, food, pharmaceutical, chemical production and other processing areas.

BENEFITS

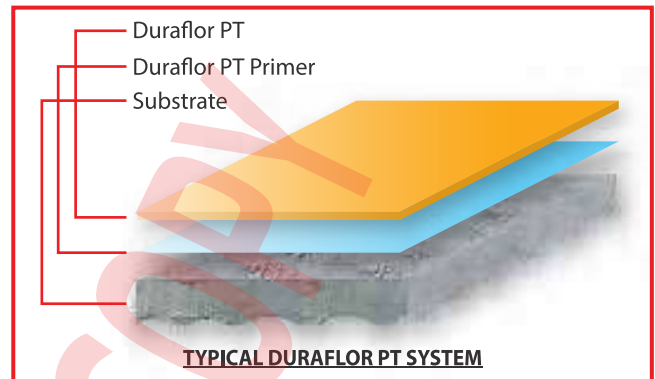
- Anti-bacterial and has good slip resistance
- An easy to clean, hygienic diamond ground finish
- Highly decorative and versatile in design
- Excellent chemical and abrasion resistance
- Fast turnaround application to avoid long down time

COLOR

Available in a range of standard color combinations.

FINISH

N/A

**Technical Data :**

No of Component	3 - 4	
Mixing Ratio (By Weight)	10 : 0.1 : 15 : 10 by weight of Part A, Part B, Part C and Filler D (Stone Chip)	
Compressive Strength	> 55 N/mm ²	
Flexural Strength	> 20 N/mm ²	
Tensile Strength	> 8 N/mm ²	
Impact Resistance	< 0.5 mm (BRE Screed test)	
Permeability	NIL (Karstner test method)	
Pot Life	20min 20°C	15min 27°C
Light Traffic	12hrs 20°C	8hrs 27°C
Full Traffic	48hrs 20°C	48hrs 27°C
Fully Cured	7days 20°C	7days 27°C
Cleaner	Acetone	
Estimated Coverage	15 kgs/m ² at 8mm	
Storage & Shelf life	Unopened in dry conditions at 10 - 25°C / 6 months	
Packaging	35.1kg	

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 must be removed by means of scarification or heavy grit blasting to give an exposed aggregate surface. Followed by thorough vacuuming to provide a dry, dust-free and open textured surface.

Mixing

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

Application

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

Grinding & Finishing

After 12 hours, from initial application, grind with wet diamond grind followed by a wet silicon carbide block grind. Clean thoroughly by vacuum.

Sealing

When dried, apply **DURAFLOOR PT** grout by mixing Part A,B & C and apply by squeegee or trowel to fill up voids/holes.

Remove any excessive grouts and after a further 16 hours, of drying, give a final wet grind.

Substrate Requirements

1. Must be of sufficient strength (min. 25 N/mm²) to support loads applied through the topping.
2. Must be free from rising damp.

Substrate Movement

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

Priming

Use only special **DURAFLOOR PT Primer**.

PACKAGING

Available in 35.1 kg packs, consisting of Base A, Hardener B, Filler C and Stone Chip.

CHEMICAL RESISTANCE

Excellent resistance to a wide range of acids (organic & inorganic). For more information, please consult **CEMKRETE** for specific information. As a general guide, **DURAFLOOR PT** been tested with the following compounds:-

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	√		

TOOL CLEANING

Clean tools with Acetone before the product hardens.

STORAGE AND SHELF LIFE

Stored unopened in dry conditions at 10 - 25°C, shelf life will be 6 months minimum.

HEALTH AND SAFETY

Some of the components of 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 or test product at site to determine product compatibility.

CEMKRETE have a wealth of technical and practical experience built up over many years in our pursuit of excellence in flooring and concrete technology, customers are welcome to call our Technical Service Department.

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