

KIMBERLITE

PRODUCT DESCRIPTION

Tread Kimberlite is a technically advanced cementitious flooring screed containing natural quartz aggregate which gives a durable speckled type finish. The final finish is a seamless floor with a natural look.

COLOUR RANGE

See samples available in store.

RECOMMENDED USES

INTERIOR and EXTERIOR surfaces.

BENEFITS

- Has excellent adhesion to concrete & screeds.
- Permeable to water vapour.
- Chemically and mechanically compatible with concrete chemistry forming monolithic structure.
- Easy to apply, and low odour.
- Excellent resistance to water and oils.
- Good mechanical strength.

APPLICATION

Concrete or screed substrate should be a minimum of 25N /mm², free from laitance, dust and other contamination. The substrate should be surface dry before the application of the primer.

Primer: Thoroughly mix equal parts of cement and Dekster 401 to a slurry consistency and apply by broom or block brush.

Seamless flooring: Mix 25kgs of Tread Kimberlite with 3.2 - 3.5 litres of water using a mechanical mixer to a uniform consistency and apply on to the wet slurry at a minimum of 8mm. Allow to set overnight (as per curing times below) and polish with a diamond grinder to expose the coloured quartz aggregate.

Sealer: Prime the surface with Colour Retaining Primer. Seal the surface with Twin Pack Acrithane.

PLEASE NOTE: The installation should be carried out by a Paintsmiths approved contractor with a documented quality assurance scheme. For more details of our approved contractors, contact your nearest Paintsmiths store. Correct preparation is essential. All surfaces must be sound and prepared in the recommended manner. For more information on surface preparation, refer to our Surface Preparation Guidelines (available on request) from your nearest Paintsmiths store.

OVERCOATING TIME

Dekster 401 Cement Slurry: Apply the Tread Kimberlite @ 8 - 10mm thick onto the wet slurry

Tread Kimberlite: 5 – 7 days @ 25°C

Colour Retaining Primer: 4-6 hours @ 25°C

Acrithane: 12 to 24 hours @25°C

NOTE: It is essential to adhere to overcoating times, as specified for our various products. Prevailing weather conditions must be taken into account as ambient and substrate temperatures, humidity and wind etc., will influence drying time. Performance problems can occur if any of the previous coats have not been allowed to dry properly before being overcoated.

IMPORTANT: To prevent surface contamination, coatings must not be left longer than 24 hours between coats. If environmental or weather conditions have caused surface contamination, all surfaces must be thoroughly washed down before applying the next coating.

SPREAD RATE

Dekster 401 Cement Slurry Primer: 1 coat @ 4m²/litre

Tread Kimberlite: 25kg bag covers 1m² @ 8-10mm

Colour Retaining Primer: 1 coat @ 10m²/litre

Acrithane: 2 coats @ 10m²/litre/coat

TECHNICAL SPECIFICATIONS

(All tests are performed at 23° and 50% relative humidity. Material Safety Datasheets are available on request.)

	10°C	20°C	30°C
SPEED OF CURE			
LIGHT TRAFFIC	24 hours	15 hours	12 hours
OVERCOAT	7 days	4 days	5 days
FULL CURE	7 days	6 days	5 days
TEMPERATURE RESISTANCE	Tolerant up to 1000°C		
WATER PERMEABILITY	Nil – Karsten test (impermeable)		
COMPRESSIVE STRENGTH	30N / mm ² (BS 6319)		
BOND STRENGTH	Greater than cohesive strength of 25N / mm ² concrete		

DISPOSAL - BE MINDFUL OF THE ENVIRONMENT AT ALL TIMES

Residual paint, wash water and empty container will contaminate out environment and ground water and must be disposed of responsibly through an approved recycling scheme or your local Waste Management Company/Council. Wash water and left over paint must never be emptied into storm water drains or directly onto the ground. Leave empty paint containers open in a well-ventilated area till residual material has dried before disposing. Collect any spills with a suitable absorbent material and dispose of residue responsibly.

DISCLAIMER

As the application and surface to which the product is to be applied is beyond our control, Paintsmiths cannot be held liable for any loss or damage. The information above is intended as a guide only and Paintsmiths reserves the right to change the specifications without notice.