

Concrecote

An acrylic based coating which cures to form a tough, flexible, elastic film mainly used for crack-bridging or concrete protection.



Protection:

Corrosion and industrial fallout protection of all concrete and masonry surfaces.



Crack Bridging:

Will provide a crack bridging membrane.



Waterproofing:

Can be used as waterproofing for all high-density concrete products.

Technical Profile

NO. OF COMPONENTS	1
KIT SIZE	5L & 25L
WATER VAPOUR PERMEABILITY	820 μ
DIFFUSION OF CO ₂	980000 μ
APPLICATION	5m ² /L
RECOMMENDED NO. OF COATS	2 coats
DRY FILM THICKNESS	± 112 microns at 5m ² /L
ELONGATION	500% @ 25°C 600% @ 10°C
VOLUME SOLIDS	56%
THINNERS	Do Not Thin
CLEANER	Water
SHELF LIFE	12 months

LIMITATIONS

Ambient and substrate temperature to be 5°C or above.

Crack-bridging up to 0.4mm with dry film thickness of 400 microns.

**Cure times at temperatures between 0–30°C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

Preparation

All surfaces to be clean of oil and grease, dirt, dust and fungus free, sound and free of oxidation products. All existing paint surfaces to be thoroughly washed with detergent to remove the dirt and stiff bristle brooms or wire brushes used to remove any oxidation products.

Application

1. Prime all new concrete surfaces with two flood coats of Conrep Repel by knapsack spray at an application rate of 2-4m²/L, dependant on substrate.
2. No priming necessary when over coating existing coats.
3. Apply by brush or roller or airless spray over surface to be coated at recommended coverage.
4. Allow two hours between coats.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per BS8204.

Installation Service

The installation should be carried out by an Approved Flowcrete Applicator. For details of our Approved Applicators, contact your regional Flowcrete office. Detailed application instructions are available upon request.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained application teams.

Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

Warranty

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.