

Concrecote

Elastomeric Concrete Coating

PRODUCT DATA SHEET

Description

Concrecote is an acrylic based coating which cures to form a tough, flexible, elastic film with good adhesion and excellent resistance to ultraviolet light.

Primary Uses

- Corrosion and industrial fallout protection of all concrete and masonry surfaces i.e., attack by water, chlorides, sulphates, carbon dioxide.
- Crack-bridging
- Waterproofing of all high-density concrete products.

Limitations

- Ambient and substrate temperature to be 5°C or above.
- Crack-bridging up to 0.4mm with dry film thickness of 400 microns.

Advantages

- Single pack.
- Quick-drying and flexible.
- Available in attractive colours.
- Excellent barrier properties to carbon dioxide, chloride ions, sulphates, oxygen & water.
- Good resistance to industrial fallout and microbiological attack.
- Will not peel or flake off substrate due to film embrittlement.
- High Build.
- Easy re-coatability and self cleaning.
- Permits water vapour transmission.

Preparation

All surfaces to be clean, 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.

Priming

To all new concrete surfaces apply two flood coats of *Conrep - Repel* by knapsack spray at an application rate of 2-4m²/ℓ, dependant on substrate. The hunger of the substrate must be satisfied. No priming necessary when over coating existing coats.

Properties

No of components:	1
Packaging:	5ℓ and 25ℓ
Water Vapour Permeability:	820μ
Diffusion of CO ₂ :	980000 μ
Coverage:	2-4m ² /ℓ depending on porosity of substrate
Primer Repel:	5m ² /ℓ
Concrecote:	5m ² /ℓ
Recommended No of Coats:	
Primer:	1 or 2 coats dependent on substrate
	Minimum of 2 coats Concrecote
Dry film thickness per coat:	± 112 microns at 5m ² /ℓ.
Elongation:	500% @ 25°C 600% @ 10°C
Colours:	See colour chart
Volume of Solids:	56%
Shelf life:	12 months
Thinners:	DO NOT THIN
Equipment cleaning:	Water

Application

Apply by brush or roller or airless spray over surface to be coated at recommended coverage. Allow two hours between coats.

Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.