

Peran STB Seal Coat

General purpose, medium viscosity, clear, liquid epoxy.



Adhesion:

Static crack injection. Bond strengths greater than concrete.



Flexible Application:

Low viscosity coating or encapsulating compound. Mixed with aggregate as mortar for re-pointing concrete spalls and honeycomb, tile grouting, bonding precast concrete items. Laminating with glass fibre matt. Easy to mix and apply.



General Resistance:

Good mechanical properties giving over 90 MPa compressive strength.



Pot Life:

Long pot life.



Chemical Resistance:

Resists most common aggressive chemicals, hydrocarbon fuels, oils, solvents and vegetable oils. Resists sea water and distilled water.

Technical Profile

NO. OF COMPONENTS

2

MIXING RATIO

Mix as supplied

POT LIFE AT 25°C

25 Minutes

DRYING TIMES

Touch dry	3 to 4 Hours
Practical Cure	24 Hours
Full Cure	7 Days

APPLY BY

Trowel or roller

THEORETICAL COVERAGE

1m²/litre at 1mm thick

DRY FILM THICKNESS PER COAT AT 1m²/LITRE

1mm

APPLICATION TEMPERATURES

Min: 10°C	Max: 30°C
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COLOUR

Clear

THINNER

Epoxy Thinner

CLEANER

W.S.B.C.

SHELF LIFE

12 Months

* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², and maintain a minimum tensile strength of 1.5 MPa, free from laitance, dust and other contamination. The substrate should have a moisture content of no more than 5%.

Application

Using volumes strictly in accordance with the given mixing ratio, mix the contents of the two containers together with a flat piece of wood or putty knife for 5 minutes. Never use a screw driver or round rod for this purpose. Apply by notched trowel or roller. If the mixed material is left in the container, it will become unusable within 20 minutes.

Installation Service

This installation should be carried out by an Approved Applicator. For details of our Approved Applicators, contact our regional 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.