

Flowcoat PU



Description

Hard wearing, UV light colour stable, polyurethane floor coating available in a smooth or antislip finish.

Uses

Flowcoat PU can be used as an industrial floor coating in areas such as factories, warehouses, plant rooms and storage areas.

Benefits

- Hard wearing
- Good abrasion resistance
- UV light colour stable - non yellowing
- Good chemical resistance
- Excellent bond strength
- Easy to apply
- Easy to clean

Standard Colour Chart



Forest Green



Tile Red



Ocean Blue



Light Blue



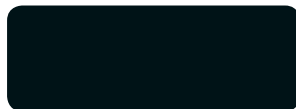
Goosewing Grey



Warm Grey

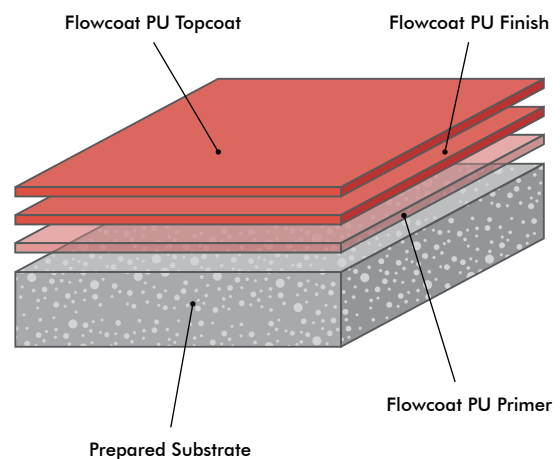


Dark Grey



Black

System Design



Model Specification

System: Flowcoat PU
Finish: Gloss
Thickness: Dependant on specification
Preparatory work and application in accordance with manufacturer's instructions.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry up to 75% RH as per BS8204 and free from rising damp and ground water pressure.

Products Included in this System

Flowcoat PU Primer
Flowcoat PU Finish
Flowcoat PU Topcoat

For actual coverage rates, refer to the appropriate project specification.

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at www.flowcreteasia.com

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, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Aftercare - Cleaning and Maintenance

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

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.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Fire Resistance	B _{FL} - s1 (EN 13501-1)
Thermal Resistance	Softens over 70°C, hardens on cooling
Water Permeability	Nil – Karsten test (impermeable)
Chemical Resistance	Contact Technical Department Resistant to petrol, diesel, antifreeze, hydraulic fluid, chlorides and battery acids.
Resistance to Chloride Ions	DOT BD47/94: Appendix B, Chloride ions Method B4,2(d). Result: No chloride ion penetration after 28 days
Abrasion Resistance	Taber Abrader: 46 mg loss per 1000 cycles (1 kg load using C17 wheels)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa.

Speed of Cure

	20°C	30°C
Light Traffic	18 hrs	12 hrs
Full traffic	48 hrs	24 hrs
Full chemical cure	7 days	6 days

Customer Service

For more information regarding this product please contact your local Flowcrete office:

Flowcrete Asia	+60 3 6277 9575
Flowcrete Hong Kong	+852 2795 0478
Flowcrete China	+86 10 8472 1912
Flowcrete Thailand	+66 2539 3424
Flowcrete Indonesia	+62 21 252 3201
Flowcrete Vietnam	+84 8 6287 0846

Visit our website for more locations.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the numbers above or visit our website to register your interest in specifying one of the most durable floors on the market.