

Flowcoat PU



Description

Flowcoat PU is a hard wearing, UV light colour stable, polyurethane floor coating available in a smooth or antislip finish.

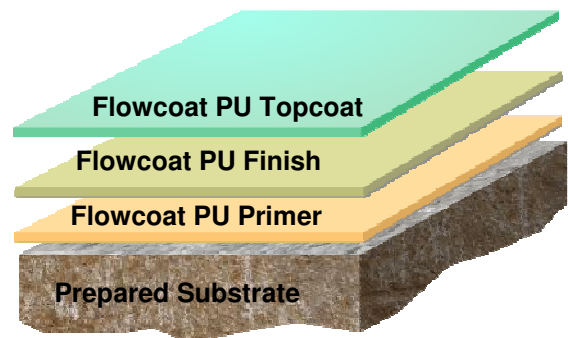
Uses

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

System Design



Standard Colour Chart



Forest Green



Tile Red



Ocean Blue



Light Blue



Goosewing Grey



Mid Grey



Dark Grey



Black

The applied colours may differ slightly from the examples shown above. Contact our customer services for a true colour sample or a special colour match.

Model Specification

Product: Flowcoat PU system
Finished: Textured
Thickness: Dependant on specification
Colour:
Manufacturer: Flowcrete India Pvt Ltd
Telephone: Customer Service - +91 44 4202 9831
Preparatory work and application in accordance with manufacturer's instructions.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. Substrate should be dry 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

Actual coverages depend on specification, consult Flowcrete for advice.

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 web site at www.flowcrete.in.

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.

Technical Information

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

Fire Resistance	BS476:Part 3: Designated EXT.FF.AA
Temperature 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, Method B4,2(d).

Abrasion Resistance	Result: No chloride ion penetration after 28 days Taber Abrader: 46 mg loss per 1000 cycles (1 kg load using C17 wheels)
Tensile / Elongation (N/mm ² /%)	BS2782: Part 3 Method 320A All samples heat aged at 70°C 1 day 5.4/50.4 7 day 7.15/40.2 28 day 7.17/30.5
Tear Strength	MOAT 27 Method 5.4.1 Test Result = 192 N
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 7days 6days

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

Further Information

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