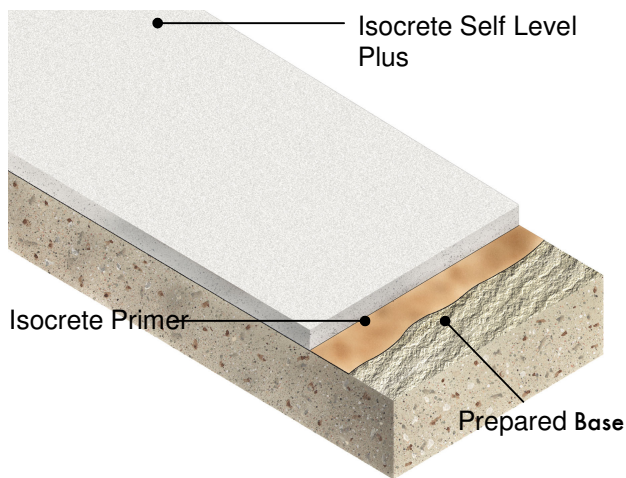


Isocrete Self Level Plus (3 – 10 mm)



Description

A fast drying pump applied cement-based underlayment, for levelling of concrete floors before the installation of floor coverings. e.g. vinyl, carpets, ceramic tiles, wood block, linoleum or cork.

Uses

Suitable for floors in office buildings, shops, public buildings, schools, hospitals, airports and prisons.

Isocrete Self Level Plus is laid at 3 – 10mm, however an 5mm average thickness is a typical expectation on a reasonably level base.

Isocrete Self Level Plus provides good resistance to impact, point loading and abrasion - making it suitable as a temporary work surface for following trades prior to vinyl being applied.

Benefits

- Good resistance to point loading and abrasion
- Self levelling
- Rapid installation - 2000m² per day for 5 mm thickness, under suitable conditions
- Fast setting - walk on after 2 - 4 hours under suitable conditions
- Fast drying - install moisture sensitive finishes after 24 hours dependent on thickness, ambient temperatures and humidity
- Single pack
- Protein free - will not harbour bacteria

Model Specification

Product: Isocrete Self Level Plus

Thickness: _____ between 3 – 10 mm

Preparatory work and application in accordance with manufacturers instructions.

Manufacturer: Flowcrete SA (Pty) Ltd.

The installation should be carried out by an approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcrete.com.

Products Included in this System

Primer: Isocrete Primer @ 0.05 kg/m²

Or if dpm required:

DPM: Hydraseal DPM @ 0.5 kg/m²

and scatter: dry Silica Sand/Quartz grade

-2mm @ 2 kg/m²

Floor Screed: Isocrete Self Level Plus

@ 8.9 kg/m² for 5 mm

Detailed application instructions are available upon request.

For a screed to receive an epoxy resin finish in areas taking light traffic use Isocrete 1500. For a flowing screed for industrial use, use Flowcreed Industrial Top.

Substrate Requirements

Concrete or screed substrate should be a minimum of 24N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp.

and ground water pressure. If above 75% RH, or no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Isocrete Self Level Plus system, enabling the immediate installation of floor finishes once the screed has dried.

Protection on Completion

Ensure the screed is not subject to draughts during the first 6 hours of curing as this may lead to cracking and crazing.

Tape up doorways with polythene to prevent air movement. Prevent contamination by following trades e.g. plastering, including water spillage.

Focus on the Floorzone

Flowcrete Group plc are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, corrosion resistant systems... to name just a few.

Our objective is to satisfy your Floorzone needs.

Technical Information

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

Fire Resistance	BS 476-7: Spread of Flame Class 1
Impact Resistance	BS 8204-1 Cat: A
Thermal Resistance	50 °C max
Ultimate Compressive Strength	24 N/mm ² (BS EN 196)
Flexural Strength (28 days)	6 N/mm ² (BS EN 196)
Abrasion resistance (Taber)	1.7g loss/1000 cycles H22 wheel / 1 kg
Shore D hardness	88
Adhesion to C30 Concrete (28 days)	> 1N/mm ²
Shrinkage	< 0.06%
Maximum particle size	0.5 mm
Protein content	Nil
Thickness	3 – 10 mm (in one operation)
Laying temperature	5 – 30 °C
Flow ring (65 mm diam. x 40 mm high)	135 – 140 mm
Mix ratio per 25kg	6.0 – 6.5 litres water

Speed of Cure

	10 °C	20 °C
Walk on	4 - 8 hrs	2 - 4 hrs
Full traffic	2 days	2 days

Drying Time

Moisture sensitive floor finishes can be installed when the screed is dry to 75% RH as per BS8203, typically after 24 hours, dependent on thickness and ambient conditions (20 °C, 50% RH). After 6 hours curing without draughts ensure the area has sufficient ventilation to allow the screed to dry.

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 flooring 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.

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