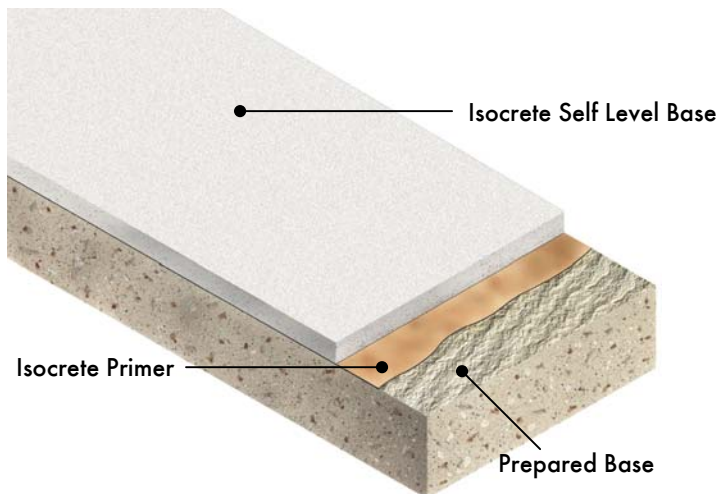


Self Level Base (3 - 50 mm)



Description

A fast drying hand (3 - 50 mm) or pump (7 - 50 mm) applied cement-based levelling screed for easy levelling of concrete floors before the installation of underlayments or thick floor coverings, e.g. carpets, ceramic tiles or wood block.

Uses

As a levelling layer underneath Isocrete 1500, Self Level Plus or Self Level Renovation, or can be used on its own to level the concrete base to receive thick floor coverings.

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

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 Flowscreed Industrial Top from Flowcrete Specialist Flooring.

Benefits:

- Fast track application
- Self levelling
- Rapid installation - 2000m² per day for 7 mm thickness, under suitable conditions
- Fast setting - walk on after 2 - 4 hours under suitable conditions
- Fast drying - install moisture sensitive finishes after 1 - 3 days dependent on thickness, ambient temperatures & humidity
- Single pack
- Protein free - will not harbour bacteria

Project References:-

Farm Foods; Hull Royal Infirmary; Milton & Shire House; St. Enochs Centre, Strathclyde; K J Tait Wakefield College.



Model Specification

Product: Isocrete Self Level Base
Thickness: _____ between 3 – 50 mm
Preparatory work and application in accordance with manufacturers instructions.
Manufacturer: Isocrete Commercial Flooring
Telephone: Customer Service - +44 (0)1270 753753

Products Included in this System

Primer: Isocrete Primer @ 0.05 kg/m²

Or if dpm required:

DPM: Aqualock @ 0.5 kg/m²
Sand scatter: Silica Sand grade 10/16 (1 – 1.7 mm) @ ~2 kg/m²

Floor Screed: Isocrete Self Level Base @ 11.9 kg/m² for 7 mm

Detailed application instructions are available upon request.

Installation Service

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

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 to 75% RH as per BS8204 & free from rising damp and ground water pressure. If above 75% RH, or no damp proof membrane is present, Isocrete Aqualock DPM can be incorporated directly beneath the Isocrete Self Level Base 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

Isocrete Commercial Flooring is a division of the Flowcrete Group, 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.

Important Note

Isocrete'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.

System Performance Guide

The table below shows how well the system complies with different characteristics.

A scale of 1 – 5 where 5 is the best value.

5 Excellent, 4 Very Good, 3 Good (Pass), 2 Fair, 1 Poor

Fire Safety	5	Shrinkage	5
Compressive Strength	3	Drying Time	3
Impact Resistance	3	Wear Resistance	2
Thermal Resistance	3	Foot Traffic	4

Technical Information

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

Fire Resistance	BS5476:Part 7: Spread of Flame Class 1
Impact Resistance	BS8204 Part1 Cat: A
Thermal Resistance	50°C max
Compressive Strength (28 days)	25 N/mm ² (BS EN 196)
Flexural Strength (28 days)	6 N/mm ² (BS EN 196)
Adhesion to C30 Concrete (28 days)	> 1 N/mm ²
Shrinkage	< 0.06%
Maximum particle size	2.0 mm
Protein content	Nil
Thickness	3 - 50 mm Hand Applied 7 - 50 mm Pump Applied
Laying Temp	5 – 25°C
Flow Ring (65 mm diam x 40 mm high)	220 – 240 mm
Mix Ratio per 25 kg	4.5 – 5 litres water

Speed of Cure

	10°C	20°C
Walk on	4 - 8 hrs	2 - 4 hrs
Full traffic	3 days	3 days

Drying Time

Moisture sensitive floor finishes can be installed when the screed is dry to 75% RH as per BS8203, typically after 1 – 3 days, 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.

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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