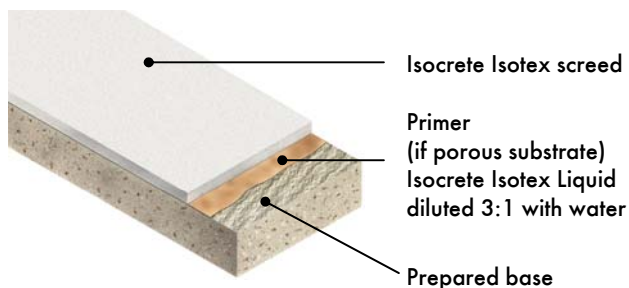


Isocrete Isotex (0 - 10 mm)



Typical Cross Section



Description

A two component high performance smoothing compound comprising cement, specially graded aggregates and a liquid polymer.

Isocrete Isotex can be hand applied by trowel at a thickness of 0 - 10 mm.

Uses

For refurbishment and new construction in domestic and commercial buildings including offices, residential, public buildings, schools, hospitals and other places exposed to similar loads.

For smoothing uneven or damaged floors prior to laying decorative floor coverings, such as carpets, ceramic tiles, vinyl, linoleum wood block or cork. Will accept most flooring adhesives in common use.

Can be applied to concrete, sand-cement screeds, flooring grade asphalt, wood, stone, quarry tiles and can be used over old adhesive residue (max 25% of substrate). Note that on impervious bases, and bases with adhesive residues, a minimum thickness of 3mm of Isocrete Isotex should be applied to enable satisfactory application of subsequent flooring adhesives.

Not to be used as dpm, and must not be used over existing vinyl or similar resilient floor coverings

For a screed to receive a resin finish use Flowscreed Industrial Top.

Benefits

- Quick drying
- Self smoothing
- Walk on after 2 to 4 hours under normal conditions at 20°C
- Floor coverings after 8 hours at 3mm, 24 hours at screed thicknesses up to 10 mm
- Protein free

Model Specifications

Product: Isocrete Isotex
Preparatory work and application in accordance with manufacturer's instructions.
Manufacturer: Flowcrete UK Ltd
Telephone: Customer Service - +44 (0)1270 753000

Isocrete Isotex to be supplied and laid on a suitable sound and vacuum cleaned concrete or screed base primed with diluted Isocrete Isotex liquid.
Minimum thickness featheredge, maximum 10 mm.

Installation Service

The installation can be carried out by any competent contractor. 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: No primer required for non-porous substrates.
Prime porous surfaces with diluted Isocrete Isotex liquid (diluted 3:1 with clean water) @ 0.05 kg/m² liquid concentrate per coat.

Or If dpm required:

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

Floor screed: Isocrete Isotex @ 6 kg/m² (3 mm)

Detailed application instructions are available upon request.

Substrate Requirements

The base is to be solid and thoroughly cleaned concrete, screed, flooring grade asphalt, wood, stone, quarry tiles or similar. All bases (especially timber) must be sufficiently well supported that the base cannot significantly deflect and joints in the base will not move. Must not be used over existing vinyl or similar resilient floor coverings. All residues must be removed including vacuum cleaning to provide a dry, dust free open textured surface free from excessive laitance, old adhesives and other contamination. A coverage of old adhesive to a maximum of approximately 25% of the base can be tolerated.

The RH of the concrete base must not exceed 99% and must be surface-dry, but where floor finishes are to be laid soon after Isocrete Isotex application, the RH of the base must be below 75%.

If above 75% RH, use Hydraseal DPM damp proof membrane between the concrete and Isocrete Isotex. Alternatively, (and particularly where the base is too uneven for the application of Hydraseal DPM), the Isocrete Isotex may be laid on the base under the Hydraseal DPM damp proof membrane. A further application of Isotex is likely to be required over the Hydraseal DPM.

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.

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	4
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.

Compressive Strength (28 days) (BS EN 196)	20 N/mm ²
Adhesion to C30 Concrete (28 days)	>1N/mm ²
Protein content	Nil
Maximum particle size	0.5 mm
Laying temperature	5 - 25°C

Speed of Cure

	10°C	20°C
Working time	30 mins	20 mins
Light foot traffic	4 - 8 hours	2 - 4 hours
Full traffic	3 days	2 days

Overcoating time

Depends on the type of finish, thickness of Isocrete Isotex, substrate and ambient conditions.

Typically, at 20°C, 50% RH, 3 mm thick:-

8 hours for unadhered floor coverings
24 hours for bonded floor coverings

Note: Before installation of floor coverings, the requirements for critical moisture contents for particular floor coverings have to be observed.

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.

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.

Further Information

To ensure you are specifying a fit for purpose flooring system 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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