



## ISOCRETE FLOOR SCREEDS

► A range of floor grouts & screeds designed to deliver the necessary strength required to install a quality floor finish.

# Isocrete Floor Screeds



Flowcrete India's range of Isocrete Floor Screeds offers numerous advantages to both new build and refurbishment construction projects.

Isocrete Floor Screeds are applied onto a solid in situ concrete ground floor slab in order to produce a smooth and level surface on which to install a host of floor coverings or floor finishes including seamless resin systems.

Flowcrete India offers a variety of screed solutions, which are applied at different thicknesses, offer different cure rates and are either pump, hand or machine applied.

## Application Recommendations



Healthcare



Education



Leisure



Residential



Retail



Airports



Transport



Industrial

## Client Portfolio

Flowcrete India's Isocrete Floor Screeds range has been used on a variety of landmark construction projects as well as for blue chip clients in and around the region.



Delhi International Airport



The Wadhwa Group Imperial Heights



Parinee Building Proportions



First International Financial Centre



Ampa Skywalk Mall



Dubai Cricket Stadium

## Benefits of Isocrete Floor Screeds

✓	BS 8204-1 & BS8204-7 compliance
✓	Easy & quick to apply
✓	Flowable & self-smoothing
✓	Can be laid at a reduced thickness
✓	Faster drying times & reduced shrinkage
✓	High compressive strength at a reduced thickness
✓	Protein-free & will not harbour bacteria
✓	Good thermal conductivity with underfloor heating
✓	Machine application available



# Isocrete K-Screed (20-100 mm)

## A semi-dry cementitious screed incorporating proprietary additives

Designed to provide clients with an early drying, high strength floor screed that can be laid bonded, unbonded or floating.



Machine or hand applied



Contains accelerating K additive



Foot traffic in 24 hours



Ready to cover after 28 days



Areas of heavy traffic

### Technical Profile

#### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

#### APPLICATION TYPE

✓ Bonded      ✓ Unbonded      ✓ Floating

#### APPLICATION SPEED

125-150m<sup>2</sup> installation per 8hrs at 75mm thickness

#### COMPRESSIVE STRENGTH (BS EN 196-1)

(Standard) >25N/mm<sup>2</sup>      (Heavy Duty) 30N/mm<sup>2</sup>

#### DENSITY

1800-2000 kg/m<sup>3</sup>

#### BRE TEST CATEGORY (BS 8204-1)

Category A

#### CLIENT REFERENCES

✓ Delhi International Airport      ✓ Dubai International Airport

### Technical Profile

#### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

#### APPLICATION TYPE

✓ Bonded      ✓ Unbonded      ✓ Floating

#### APPLICATION SPEED

125-150m<sup>2</sup> installation per 8hrs at 75mm thickness

#### COMPRESSIVE STRENGTH (BS EN 13892-2)

(Standard) >25N/mm<sup>2</sup>      (Heavy Duty) 30N/mm<sup>2</sup>

#### DENSITY

1800-2000 kg/m<sup>3</sup>

#### BRE TEST CATEGORY (BS 8204-1)

Category A

#### CLIENT REFERENCES

✓ Imperial College      ✓ Lakeside Shopping Centre

# Isocrete Fast K-Screed (20-100 mm)

## A fast-drying, semi-cementitious and durable floor screed

Designed to provide clients with a very early drying, high strength floor screed that can be laid bonded, unbonded or floating.



Machine or hand applied



Contains accelerating Fast K additive



Foot traffic in 8 hours



Ready to cover after 10-14 days



Areas of heavy traffic



## Application Suitability

Food & Drink	✓
Pharmaceutical	✓
Engineering	✓
Automotive	✓
Chemical Processing	✓
Manufacturing	✓
Retail Environments	✓
Transport	✓
Stadia	✓
Education	✓
Airports	✓
Healthcare	✓



## Isocrete 1500 (0-20 mm)

### A general all-purpose self levelling floor screed...

Designed for the all-purpose levelling of surfaces prior to the installation of floor finishes including carpet, vinyl, tiles or resin.



Hand or pump applied



Minimal drying shrinkage



Foot traffic in 2-4 hours



Ready to cover after 24 hours



Areas of light to heavy traffic

### Technical Profile

#### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

#### APPLICATION TYPE

✓ Bonded

#### APPLICATION SPEED

2,000m<sup>2</sup> installation per 24hrs at 7mm thickness

#### COMPRESSIVE STRENGTH (BS EN 13892-2)

33N/mm<sup>2</sup>

#### FLEXURAL STRENGTH (BS EN 13892-2)

9N/mm<sup>2</sup>

#### ADHESION TO C30 CONCRETE

>1N/mm<sup>2</sup>

#### CLIENT REFERENCES

✓ Primark      ✓ Royal London Hospital

### Technical Profile

#### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

#### APPLICATION TYPE

✓ Bonded

#### APPLICATION SPEED

60m<sup>2</sup> installation per 24hrs at 10mm thickness

#### COMPRESSIVE STRENGTH (BS EN 13892-2)

30N/mm<sup>2</sup>

#### FLEXURAL STRENGTH (BS EN 13892-2)

7N/mm<sup>2</sup>

#### ADHESION TO C30 CONCRETE

>1N/mm<sup>2</sup>

#### CLIENT REFERENCES

✓ Imperial College      ✓ Lakeside Shopping Centre

## Isocrete 4000 (0-50 mm)

### A quicker and thicker smoothing screed for small areas...

Designed for filling holes or smoothing small areas prior to the installation of floor finishes including carpet, vinyl, tiles or resin.



Hand applied



Minimal drying shrinkage



Foot traffic in 2 hours



Ready to cover after 4 hours



Areas of medium to heavy traffic

# Isocrete 5000 (3-50 mm)

A coarse, fast-cure screed best for patch repair and filling...

Designed for levelling concrete floors, patching existing screeds and filling holes in a base where fast drying is essential.



Hand applied



Minimal drying shrinkage



Foot traffic in 2 hours



4 hours

Ready to cover after 4 hours



Areas of medium to heavy traffic

## Technical Profile

### APPLICATION SUITABILITY

- ✓ New build
- ✓ Refurbishment

### APPLICATION TYPE

- ✓ Bonded

### APPLICATION SPEED

60m<sup>2</sup> installation per 24hrs at 10mm thickness

### COMPRESSIVE STRENGTH (BS EN 13892-2)

20N/mm<sup>2</sup>

### FLEXURAL STRENGTH (BS EN 13892-2)

6N/mm<sup>2</sup>

### ADHESION TO C30 CONCRETE

>1N/mm<sup>2</sup>

### CLIENT REFERENCES

- ✓ University of Bath
- ✓ Southampton Hospital







# Isocrete Self Level Plus

(3-30 mm)

A very fast-drying, self levelling screed best suited to large areas...

Designed as a fast drying underlayment with good resistance to point loading and abrasion resistance - to receive various floor coverings.



Pump applied



Minimal drying shrinkage



Foot traffic in 2-4 hours



Ready to cover after 1 day



Areas of medium to heavy traffic

## Technical Profile

### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

### APPLICATION TYPE

✓ Bonded

### APPLICATION SPEED

2,000m<sup>2</sup> installation per 24hrs at 7mm thickness

### COMPRESSIVE STRENGTH (BS EN 13892-2)

30N/mm<sup>2</sup>

### FLEXURAL STRENGTH (BS EN 13892-2)

8N/mm<sup>2</sup>

### ADHESION TO C30 CONCRETE

> 1N/mm<sup>2</sup>

### CLIENT REFERENCES

✓ Nottingham BSF      ✓ RAF Brize Norton

## Technical Profile

### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

### APPLICATION TYPE

✓ Bonded

### APPLICATION SPEED

Up to 60m<sup>2</sup> installation per 24hrs at 10mm thickness

### COMPRESSIVE STRENGTH (BS EN 13892-2)

25N/mm<sup>2</sup>

### FLEXURAL STRENGTH (BS EN 13892-2)

6N/mm<sup>2</sup>

### ADHESION TO C30 CONCRETE

> 1N/mm<sup>2</sup>

### CLIENT REFERENCES

✓ Aldi      ✓ Heathrow Airport

# Isocrete Self Level Base

(3-50 mm)

A pump or hand applied screed for repairs and filling...

A fast-drying levelling layer designed to receive a top screed or thick floor finish including carpet, ceramic tiles or wood block.



Pump or hand applied



Minimal drying shrinkage



Foot traffic in 2-4 hours



Ready to cover after 1-3 days



Areas of heavy-duty traffic



# Flowscreed Industrial Top (5-30 mm)

A high strength floor screed suited to industrial applications...

Designed as a high strength floor topping to be used in conjunction with a seamless resin floor finish.



Pump applied



Minimal drying shrinkage



Foot traffic in 2-4 hours



Ready to cover after 1 day



Areas of medium to heavy traffic

## Technical Profile

### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

### APPLICATION TYPE

✓ Bonded

### APPLICATION SPEED

2,000m<sup>2</sup> installation per 24hrs at 8mm thickness

### COMPRESSIVE STRENGTH (BS EN 13892-2)

35N/mm<sup>2</sup>

### FLEXURAL STRENGTH (BS EN 13892-2)

10N/mm<sup>2</sup>

### ADHESION TO C30 CONCRETE

>1N/mm<sup>2</sup>

### CLIENT REFERENCES

✓ Airbus      ✓ Bentley

## Technical Profile

### APPLICATION SUITABILITY

✓ New build      ✓ Refurbishment

### APPLICATION TYPE

✓ Bonded

### COMPRESSIVE STRENGTH (BS EN 13892-2)

60N/mm<sup>2</sup>

### ADHESION TO C30 CONCRETE

>1.5 MPa

### CLIENT REFERENCES

✓ Hugo Boss      ✓ Bentley

# Flowcem (2-3 mm)

A thin self-smoothing screed and damp proof membrane in one...

Designed to level new concrete and screeds up to 100% RH and allow the early installation of moisture sensitive finishes.



Hand applied



Includes damp proof membrane



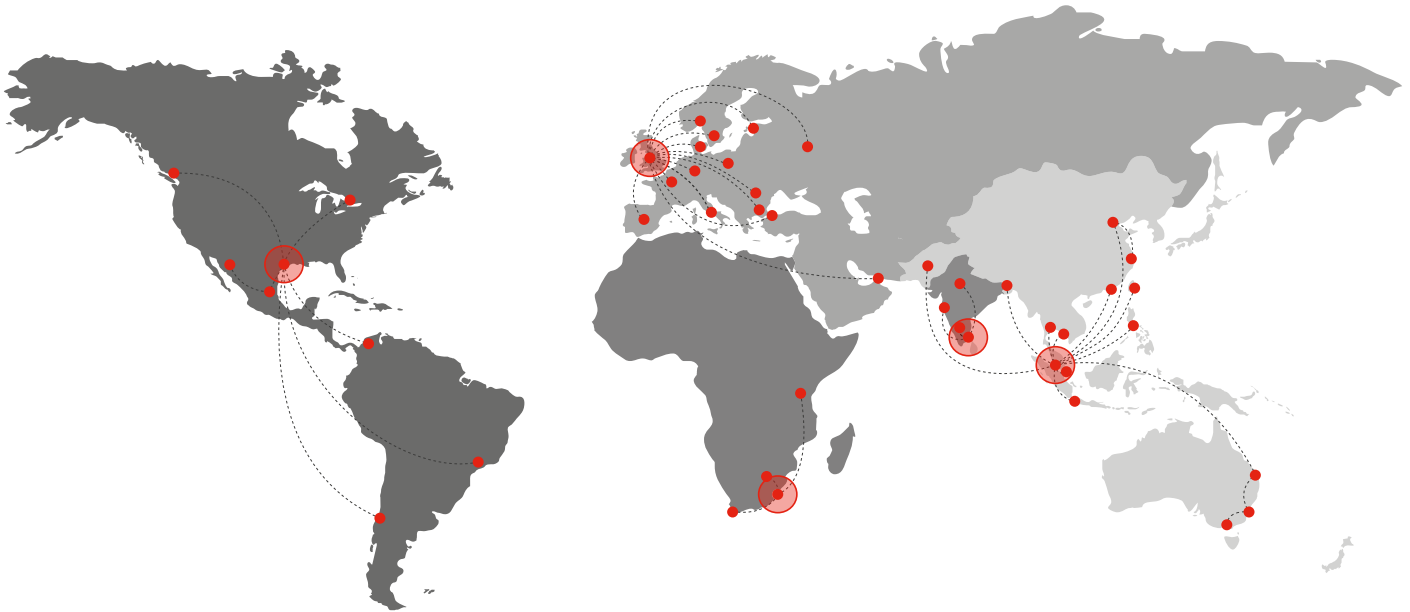
Foot traffic in 16 hours



Ready to cover after 2 days



Areas of medium to heavy traffic



## Flowcrete

World leader in seamless resin flooring solutions and other specialist coatings.

### Europe & Middle East

Baltic States	+48 883 303 880	latvia@flowcrete.com
Bulgaria	+359 898 61 58 31	bulgaria@flowcrete.com
Denmark	+46 435 40 01 10	denmark@flowcrete.com
France	+33 1 60 61 74 42	france@flowcrete.com
Germany	+49 4187 50 29 470	germany@flowcrete.com
Italy	+39 339 4853258	italy@flowcrete.com
Norway	+47 6486 0830	norway@flowcrete.com
Poland	+48 22 879 8907	poland@flowcrete.com
Romania	+40 766 596 991	romania@flowcrete.com
Russia	+7 916 931 35 13	russia@flowcrete.com
Spain	+34 937 07 0872	spain@flowcrete.com
Sweden	+46 435 40 01 10	sweden@flowcrete.com
Turkey	+90 212 294 6567	turkey@flowcrete.com
UAE	+971 4 886 4728	uae@flowcrete.com
UK	+44 1270 753 000	uk@flowcrete.com

### Africa

East Africa	+254 20 682 1011	eastafrica@flowcrete.com
South Africa	+27 31 701 0017	southafrica@flowcrete.com

### India

India	+91 44 4017 6600	india@flowcrete.com
-------	------------------	---------------------

### Asia Pacific

Australia	+61 7 3205 7115	australia@flowcrete.com
Bangladesh	+88 02 985 7222	bangladesh@flowcrete.com
China	+86 10 8472 1912	china@flowcrete.com
Hong Kong	+852 2795 0478	hongkong@flowcrete.com
Indonesia	+62 21 252 3201	indonesia@flowcrete.com
Malaysia	+60 3 6277 9575	malaysia@flowcrete.com
Pakistan	+92 337 3159272	pakistan@flowcrete.com
Philippines	+63 2 834 6506	philippines@flowcrete.com
Singapore	+65 6848 7166	singapore@flowcrete.com
Taiwan	+886 916 954 291	taiwan@flowcrete.com
Thailand	+66 2539 3424	thailand@flowcrete.com
Vietnam	+84 28 6287 0846	vietnam@flowcrete.com

### Americas

Brazil	+55 11 3230 1107	brazil@flowcrete.com
Canada	+1 604 628 1782	canada@flowcrete.com
Chile	+56 2 2938 1962	chile@flowcrete.com
Colombia	+57 1 381 9254	colombia@flowcrete.com
Mexico	+01 800 099 0468	mexico@flowcrete.com
USA	+1 936 539 6700	usa@flowcrete.com

\*Whilst every care has been taken to ensure that the information included in this document was accurate at the time of printing, Flowcrete reserves the right to change product specifications at any time without prior notice. The photographs and colours reproduced in this publication are within the constraints of the printing process and are not to be used for matching purposes. All photographs are used for approximate representation only and may not show the actual products on offer. E&OE.