



ISOCRETE SELF LEVEL SCREEDS

- ✓ Healthcare
- ✓ Education
- ✓ Leisure
- ✓ Retail
- ✓ Airports
- ✓ Transport
- ✓ Residential
- ✓ Industrial

Isocrete Self Level Floor Screeds



Flowcrete UK's range of Isocrete Self Levelling Screeds offer numerous advantages for use in both new build and refurbishment projects.

Not only do they meet BS 8204-7 standards, they are also OPC (Ordinary Portland Cement) free*, reducing carbon emissions. The quick laying screeds are less labour intensive and offer faster drying times, improving construction schedules.

What's more, the protein free formulations can be laid at reduced thicknesses compared to semi-dry screeds, delivering reduced shrinkage, superior compressive strengths and impressive thermal conductivity in conjunction with underfloor heating.

Project Management Service



Flowcrete UK's Isocrete Project Management service is on hand to ensure that your screed installation runs on time and to budget - taking the strain and the responsibility for the entire flooring project from initial consultation through to aftercare and everything in between...

Application Recommendations



Healthcare



Education



Leisure



Residential



Retail



Airports



Transport



Industrial

Benefits of Self Level Screeds

✓	Meet BS 8204-7 criteria
✓	Free from Ordinary Portland Cement (OPC)
✓	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



n55Plus





Isocrete 1500 (0-20mm)

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



Free from OPC



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

2,000m² installation per 24hrs at 7mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

33N/mm²

FLEXURAL STRENGTH (BS EN 13892-2)

9N/mm²

ADHESION TO C30 CONCRETE

>1N/mm²

CLIENT REFERENCES

✓ Primark ✓ Royal London Hospital

Technical Profile

APPLICATION SUITABILITY

✓ New build ✓ Refurbishment

APPLICATION TYPE

✓ Bonded

APPLICATION SPEED

60² installation per 24hrs at 10mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

30N/mm²

FLEXURAL STRENGTH (BS EN 13892-2)

7N/mm²

ADHESION TO C30 CONCRETE

>1N/mm²

CLIENT REFERENCES

✓ Imperial College ✓ Lakeside Shopping Centre

Isocrete 4000 (0-50mm)

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



Free from OPC



Foot traffic in 2 hours



Ready to cover after 4 hours



Areas of medium to heavy traffic

Isocrete 5000 (3-50mm)

A course, 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



Free from OPC



Foot traffic in 2 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

60m² installation per 24hrs at 10mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

20N/mm²

FLEXURAL STRENGTH (BS EN 13892-2)

6N/mm²

ADHESION TO C30 CONCRETE

>1N/mm²

CLIENT REFERENCES

✓ University of Bath ✓ Southampton Hospital

Technical Profile

APPLICATION SUITABILITY

✓ New build ✓ Refurbishment

APPLICATION TYPE

✓ Bonded

APPLICATION SPEED

Up to 60m² installation per 24hrs at 10mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

25N/mm²

FLEXURAL STRENGTH (BS EN 13892-2)

6N/mm²

ADHESION TO C30 CONCRETE

>1N/mm²

CLIENT REFERENCES

✓ Aldi ✓ Heathrow Airport

Isocrete Self Level Base (3-50mm)

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



Free from OPC



Foot traffic in 2-4 hours



Ready to cover after 1-3 days



Areas of heavy-duty traffic

Our OPC-Free Mission

We're dedicated to the development of flooring solutions that combat the negative environmental issues surrounding the construction industry.

The production of just one tonne of cement results in the emission of one tonne of CO₂, as well as nitrogen oxides and sulfur oxides. What's more, the quarrying of limestone - a key ingredient in cement, causes waste water discharge, sedimentation, noise and air pollution, water table depletion and habitat destruction.

That's why our range of Green Screeds are free from Ordinary Portland Cement (OPC), containing alternatives such as pulverised fuel ash.





Isocrete Self Level Plus

(3-30mm)

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



Free from OPC



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

2,000m² installation per 24hrs at 7mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

30N/mm²

FLEXURAL STRENGTH (BS EN 13892-2)

8N/mm²

ADHESION TO C30 CONCRETE

>1N/mm²

CLIENT REFERENCES

✓ Nottingham BSF ✓ RAF Brize Norton

Technical Profile

APPLICATION SUITABILITY

✓ New build ✓ Refurbishment

APPLICATION TYPE

✓ Bonded ✓ Unbonded

APPLICATION SPEED

1,000m² installation per 24hrs at 13mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

33N/mm²

FLEXURAL STRENGTH (BS EN 13892-2)

9N/mm²

ADHESION TO C30 CONCRETE

>1N/mm²

CLIENT REFERENCES

✓ Shangri-La Hotel ✓ Croydon Police

Isocrete Self Level Renovation (5-50mm)

The glass mesh reinforced screed for substandard substrates...

Designed to renovate existing floors in refurbishment projects. Can be installed on top of existing floor coverings.



Pump applied



Free from OPC



Foot traffic in 2-4 hours



Ready to cover after 2 days



Areas of heavy-duty traffic



Fire exit
Keep clear



Flowscreed Industrial Top (5-30mm)

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



Free from OPC



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

2,000m² installation per 24hrs at 8mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

35N/mm²

FLEXURAL STRENGTH (BS EN 13892-2)

10N/mm²

ADHESION TO C30 CONCRETE

>1N/mm²

CLIENT REFERENCES

✓ Airbus ✓ Bentley

Technical Profile

APPLICATION SUITABILITY

✓ New build ✓ Refurbishment

APPLICATION TYPE

✓ Bonded

COMPRESSIVE STRENGTH (BS EN 13892-2)

60N/mm²

ADHESION TO C30 CONCRETE

>1.5 MPa

CLIENT REFERENCES

✓ Hugo Boss ✓ Bentley

Flowcem (2-3mm)

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 around the world

Manufacturing Centres

UK	Flowcrete UK Ltd	Tel: +44 1270 753 000	Fax: +44 1270 753 333	Email: uk@flowcrete.com
Sweden	Flowcrete Sweden AB	Tel: +46 42 600 07 00	Fax: +46 42 15 50 90	Email: sweden@flowcrete.com
Poland	Flowcrete Polska Sp. z.o.o.	Tel: +48 22 879 8907	Fax: +48 22 879 8918	Email: poland@flowcrete.com
India	Flowcrete India Pvt Ltd	Tel: +91 44 4202 9831	Fax: +91 44 4202 9832	Email: india@flowcrete.com
Malaysia	Flowcrete Asia Sdn Bhd	Tel: +60 3 6277 9575	Fax: +60 3 6277 4645	Email: malaysia@flowcrete.com
South Africa	Flowcrete SA (Pty) Ltd	Tel: +27 31 461 3411	Fax: +27 31 461 3475	Email: southafrica@flowcrete.com
USA	Flowcrete North America Inc.	Tel: +1 936 539 6700	Fax: +1 936 539 6701	Email: usa@flowcrete.com

Sales Centres

Australia	Flowcrete Australia Pty Ltd	Tel: +61 7 3205 7115	Fax: +61 7 3205 3116	Email: australia@flowcrete.com
Baltic States	Flowcrete Baltics	Tel: +37 1 2864 4666	Fax: +48 22 879 8918	Email: latvia@flowcrete.com
Canada*	Flowcrete Canada	Tel: +1 936 539 6700	Fax: +1 936 539 6701	Email: canada@flowcrete.com
China	Flowcrete China	Tel: +86 10 8472 1912	Fax: +86 10 8472 1942	Email: china@flowcrete.com
Denmark	Flowcrete Sweden AB	Tel: +45 3155 7882	Fax: +46 42 15 50 90	Email: denmark@flowcrete.com
France	Flowcrete France SAS	Tel: +33 1 60 61 74 42	Fax: +33 1 64 33 11 61	Email: france@flowcrete.com
Hong Kong	Flowcrete (Hong Kong) Ltd	Tel: +852 2795 0478	Fax: +852 2795 4842	Email: hongkong@flowcrete.com
Indonesia	Flowcrete Indonesia	Tel: +62 21 252 3201	Fax: +62 21 252 0720	Email: indonesia@flowcrete.com
Mexico*	Flowcrete Mexico	Tel: +1 936 539 6700	Fax: +1 936 539 6701	Email: mexico@flowcrete.com
Norway	Flowcrete Norway AS	Tel: +47 6486 0830	Fax: +47 6486 0831	Email: norway@flowcrete.com
Romania*	S.C. Flowcrete Romania s.r.	Tel: +40 374 00 80 78	Fax: +40 21 255 03 15	Email: romania@flowcrete.com
Russia*	Flowcrete RUS	Tel: +7 (495) 645 83 18	Fax: +7 (495) 645 83 18	Email: rus@flowcrete.com
South Korea*	Crete Corporation	Tel: +82 2 2649 3874	Fax: +82 2 2649 3878	Email: southkorea@flowcrete.com
Thailand	Flowcrete Thailand	Tel: +66 2530 9611	Fax: +66 2530 9610	Email: thailand@flowcrete.com
UAE	Flowcrete Middle East FZCO	Tel: +97 14 886 4728	Fax: +97 14 886 4582	Email: uae@flowcrete.com
Vietnam	Flowcrete Vietnam	Tel: +84 8 38216561	Fax: +84 8 3821 6501	Email: vietnam@flowcrete.com

*Partner Company

Whilst every care has been taken to ensure that the information included in this document was accurate at the time of printing, Flowcrete reserve 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.