



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.

Benefits of Self Level Screeds



Meet BS 8204-7 criteria



Flowable & self-smoothing



High compressive strength at a reduced thickness



Free from Ordinary Portland Cement (OPC)



Can be laid at a reduced thickness



Protein-free & will not harbour bacteria



Easy & quick to apply



Faster drying times & reduced shrinkage



Good thermal conductivity with underfloor heating

Application Suitability



Healthcare



Education



Leisure



Residential



Retail



Airports



Transport



Industrial



NBS Plus





Technical Profile

APPLICATION SUITABILITY

✓ New build ✓ Refurbishment

APPLICATION TYPE

✓ Bonded ✓ Unbonded ✓ Floating ✓ UFH

APPLICATION SPEED

250–2,000m² per day

COMPRESSIVE STRENGTH

BS EN 13892-2 25 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 6 N/mm²

ADHESION TO C30 CONCRETE

>1 N/mm²

CLIENT REFERENCES

✓ Kings Cross J1 Apartments ✓ Embassy Gardens

Isocrete Alpha Screed (20–60mm)

A fast drying pump applied self smoothing screed...

Comprising natural sand and recycled alpha hemi-hydrate calcium sulphate binder, and used to level substrates prior to floor installation.



Pump applied



Laitance free surface, non-sanding



Foot traffic in 24 hours



Following trades in 3–4 days



Minimal cracking, no curling



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 33 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 9 N/mm²

ADHESION TO C30 CONCRETE

>1 N/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 30 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 7 N/mm²

ADHESION TO C30 CONCRETE

>1 N/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 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



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 20 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 6 N/mm²

ADHESION TO C30 CONCRETE

>1 N/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 25 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 6 N/mm²

ADHESION TO C30 CONCRETE

>1 N/mm²

CLIENT REFERENCES

✓ Aldi ✓ Heathrow Airport

Isocrete Self Level Base (3–50mm)

A pump 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 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 developing 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 sulphur 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 reclaimed products from industrial waste streams.





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 30 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 8 N/mm²

ADHESION TO C30 CONCRETE

>1 N/mm²

CLIENT REFERENCES

✓ Nottingham BSF ✓ RAF Brize Norton

Technical Profile

APPLICATION SUITABILITY

✓ New build ✓ Refurbishment

APPLICATION TYPE

✓ Bonded ✓ Unbonded ✓ Floating

APPLICATION SPEED

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

COMPRESSIVE STRENGTH

BS EN 13892-2 33 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 9 N/mm²

ADHESION TO C30 CONCRETE

>1 N/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



BT45



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 35 N/mm²

FLEXURAL STRENGTH

BS EN 13892-2 10 N/mm²

ADHESION TO C30 CONCRETE

>1 N/mm²

CLIENT REFERENCES

✓ Airbus ✓ Bentley

Technical Profile

APPLICATION SUITABILITY

✓ New build ✓ Refurbishment

APPLICATION TYPE

✓ Bonded

COMPRESSIVE STRENGTH

BS EN 13892-2 60 N/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 Group

Flowcrete Group Ltd is the world's leading specialist in seamless resin flooring, screeds and other coating technologies, with operations across five continents.

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