



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

125-150m² installation per 8hrs at 75mm thickness

COMPRESSIVE STRENGTH (BS EN 196-1)

(Standard) >25N/mm² (Heavy Duty) 30N/mm²

DENSITY

1800-2000 kg/m³

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

125-150m² installation per 8hrs at 75mm thickness

COMPRESSIVE STRENGTH (BS EN 13892-2)

(Standard) >25N/mm² (Heavy Duty) 30N/mm²

DENSITY

1800-2000 kg/m³

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

2,000m² 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

60m² 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 (0-50 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

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





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

2,000m² 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

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

(3-50 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

2,000m² 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 (2-3 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



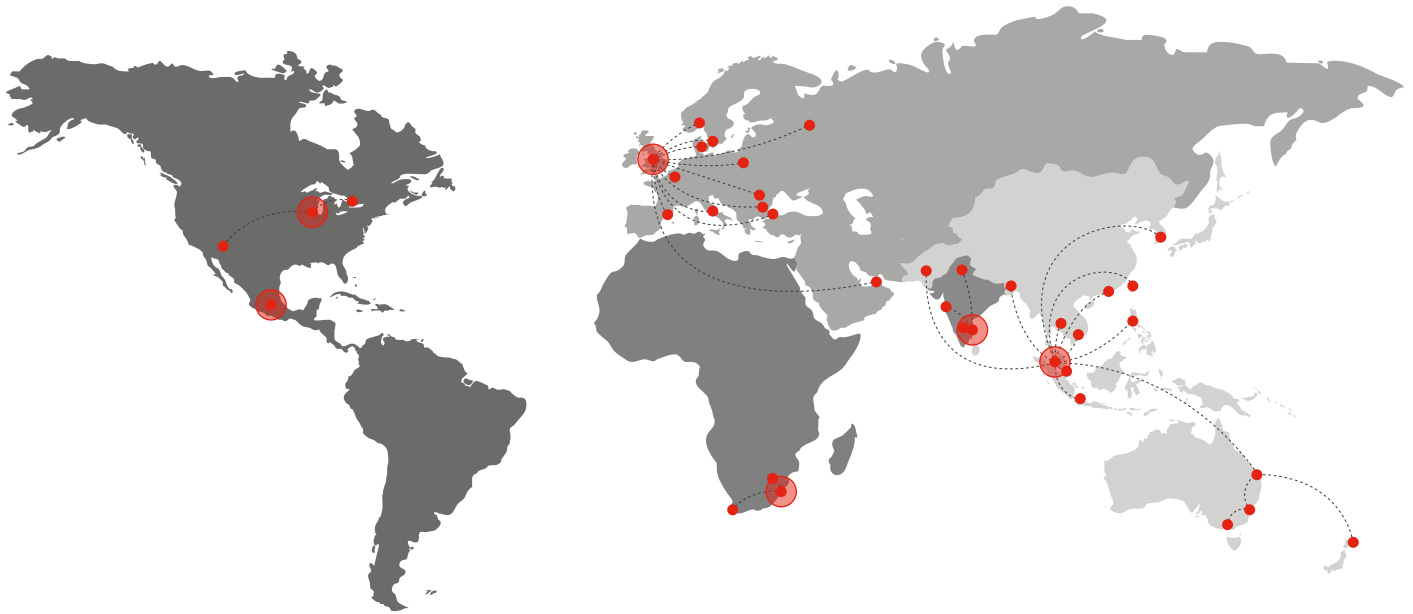
Foot traffic in 16 hours



Ready to cover after 2 days



Areas of medium to heavy traffic



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