

Flowcrete
for the world at your feet

ISOCRETE CEMENTITIOUS FLOOR SCREEDS

A range of Cementitious Floor Screeds designed to deliver the necessary levels and strength required to install a quality floor finish.

ISOCRETE FLOOR SCREEDS

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

Offering both semi-dry and self-levelling products which meet BS 8204 standards, Flowcrete's screed range takes into account construction practicalities, budget and application timetables.

With the combination of high strength, rapid installation and excellent moisture control, our screeds are a popular choice to use with various subfloors, including underfloor heating and acoustic insulation. We offer a solution for every project, be it for industrial and commercial installations, or smaller domestic flooring applications.

Benefits

-  Meet BS 8204 criteria
-  Semi-dry & self-smoothing
-  High compressive strength at a reduced thickness
-  Can be used in conjunction with the majority of floor finishes
-  Can be laid at a reduced thickness
-  Practical solutions
-  Easy & quick to apply
-  Faster drying times & reduced shrinkage
-  Good thermal conductivity with underfloor heating

Application Suitability



Healthcare



Education



Leisure



Residential



Retail



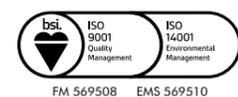
Airports



Transport



Industrial



Flowcrete's Commitment to Sustainability

Flowcrete UK has attained the ISO 14001:2015 environmental management system certification thanks to its dedication to sustainable, environmentally friendly working practises.

The ISO 14001:2015 policy sets the best practise benchmark for a long list of sustainable processes, including reducing a company's carbon footprint, improving recycling, reducing packaging, minimising waste and improving efficiencies on finite natural resources.

The demanding standard requires Flowcrete UK to ensure the environmental integrity of its operations at all times by adhering to the four principles of:

- Prevention:** Protecting the environment through the prevention of pollution and reduction of waste.
- Compliance:** Guaranteeing compliance with environmental laws, regulations and emissions monitoring.
- Communication and Training:** A commitment that employees will be educated and environmental objectives communicated to all members of staff.
- Continuous Improvement:** Regularly reviewing daily activity and always being on the look out for new opportunities to evolve adherence to these four principles.

Technical Profile*

DENSITY (APPROX.)		
1,800–2,000 kg/m ³		
BRE TEST CATEGORY		
BS 8204-1 Category A		
PACKAGING TYPE		
Powder K Additive		
COMPRESSIVE STRENGTH (28 DAYS)		
25-30 N/mm ²		
BONDED (MIN)	UNBONDED (MIN)	FLOATING (MIN)
20mm	40mm	65-75mm
WALK-ON		
36 hrs		
APPLICATION THICKNESS		
20 - 75+ mm		

*Full data sheet available on our website. For any other information please contact your local Tremco CPG UK Technical Services Department.

Isocrete K-Screed (additive)

An early drying, high strength, semi-dry cementitious screed incorporating proprietary additives.

Isocrete K-Screed can be used for fast track refurbishment and new construction for most applications. **Isocrete Heavy Duty K-Screed** is also available where a higher compressive strength is required, or to receive a resin finish.

-  Rapid installation and cure
-  High strength and resistance
-  Can be incorporated with under floor heating

Flowcrete's Approved Licensee Scheme



Through our Licensee Scheme, we work very closely with a skilled network of approved installers, so developers, facility managers, and site operators can rest assured that our products will be applied quickly and effectively.

Our approved installers work in a partnership with us. They are fully trained and monitored to ensure that our high-quality standards of workmanship and customer service are consistently met and maintained.

With their specialised knowledge, skills, and dedication, our partners ensure that our products are installed correctly, resulting in successful and safe construction projects.

Collaboration: We work together to improve site practises and the whole supply chain, simplifying logistics, minimising waste and improving safety.

Innovation: Our partnership guarantees a complete turnkey solution from design to application.

Communication: Transparency in our communications comes as part of our commitment to this partnership.

Education & Training: Our partnership approach combines training and on-site support from our technical teams.

Ultimate K-Screed (additive)

An early drying, rapid strength, semi-dry cementitious screed incorporating proprietary additives.

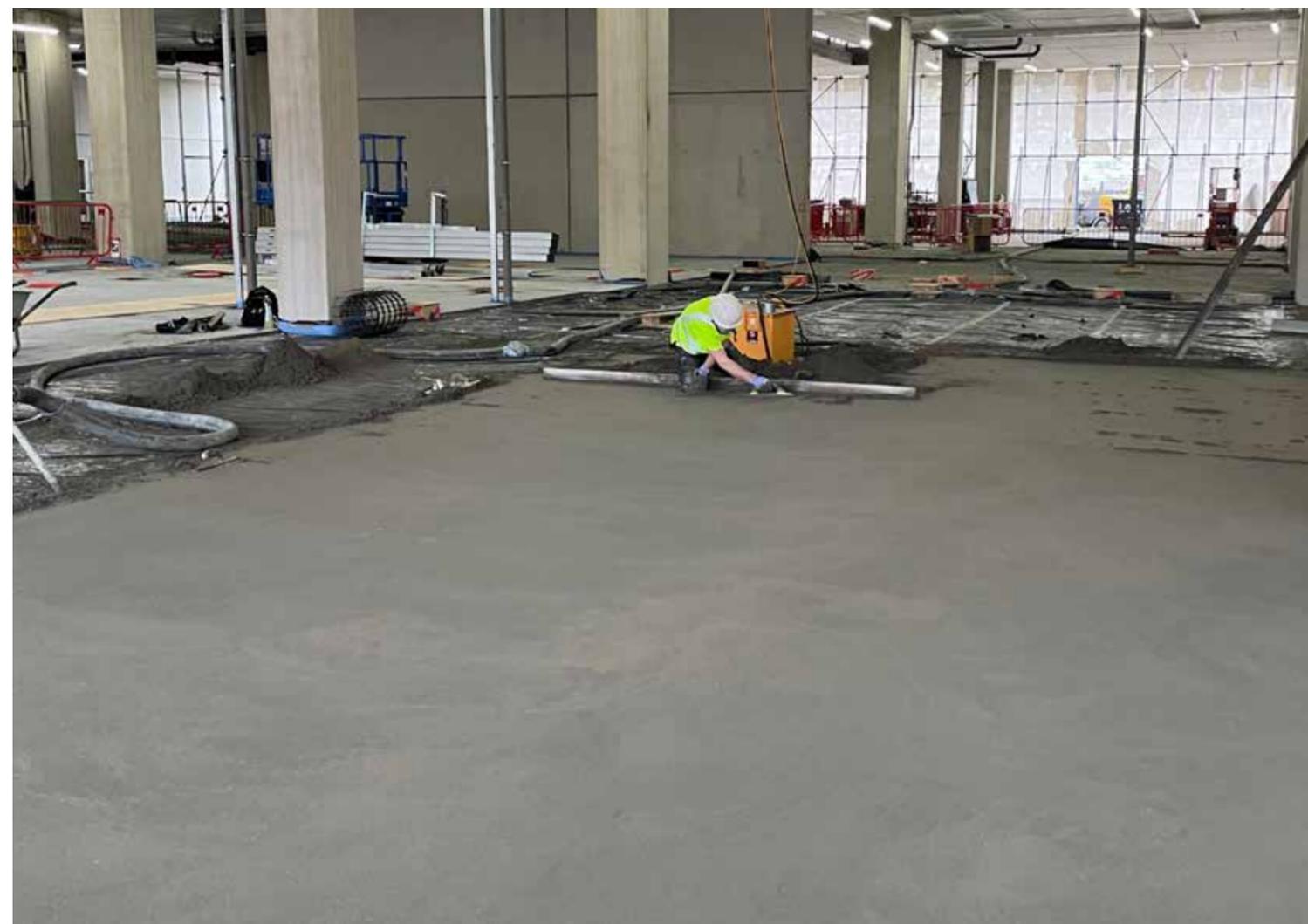
Isocrete Ultimate K-Screed is suitable for most commercial applications and typically used for fast track refurbishment and new construction.

-  Pumpable
-  Rapid installation and cure
-  > 15N/mm² compressive strength in just 24 hrs
-  Can be incorporated in underfloor heating

Technical Profile*

DENSITY (APPROX.)		
2,000 - 2,200 kg/m ³		
BRE TEST CATEGORY		
BS 8204-1 Category A		
PACKAGING TYPE		
Liquid K Additive		
COMPRESSIVE STRENGTH (28 DAYS)		
>40 N/mm		
BONDED (MIN)	UNBONDED (MIN)	FLOATING (MIN)
20mm	30mm	40mm
WALK-ON		
24 hrs		
APPLICATION THICKNESS		
20 - 75+ mm		

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Isocrete Fast K-Screed

(15–75 mm +)

A high early strength, rapid drying, semi-dry screed with proprietary accelerating, water reducing, shrinkage compensation additives.

Standard Fast K-Screed is suitable for most applications while Heavy Duty Fast K-Screed is recommended in heavily trafficked areas.

-  Fast cure & installation
-  High abrasion & impact resistance
-  Can be incorporated in underfloor heating

Technical Profile*

DENSITY		IMPACT RESISTANCE	
1,800-2,000 kg/m ³		BS 8204-1 Category A	
PACKAGING			
Powder Fast K Additive			
COMPRESSIVE STRENGTH (28 DAYS)			
25 - 30 N/mm ²			
BONDED _(MIN)	UNBONDED _(MIN)	FLOATING _(MIN)	
20 mm	40 mm	65 - 75 mm	
WALK-ON			
8 hrs			
APPLICATION THICKNESS			
20 - 75+ mm			

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Technical Profile*

	1000	2000
DENSITY	1,800-2,000 kg/m ³	1,800-2,000 kg/m ³
IMPACT RESISTANCE	(BS8204 Part1) Category B	(BS8204 Part1) Category A
COMPRESSIVE STRENGTH (28 DAYS)	>25 N/mm ²	>30 N/mm ²
WALK ON	5 hrs	3 hrs
BONDED _(MIN)	UNBONDED _(MIN)	FLOATING _(MIN)
15-30 mm	50 mm	65-70 mm
PACKAGING		
Bagged Cement Component		
APPLICATION THICKNESS		
15 - 75 mm		

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Isocrete Screedfast 1000/2000

A specially formulated cement giving a high early strength and very rapid screed.

Isocrete Screedfast is used for fast track construction projects where the screed needs to be trafficked or overlaid quickly.

-  Fast cure, early traffic by following trades
-  Demonstrates good resistance to abrasion and impact
-  Low shrinkage formulation minimises cracking

Isopol SBR (polymer)

Very high strength wearing (trafficable) screed that can be used externally and is compatible with under floor heating.

Isopol SBR can also be used as a primer & bonding agent for screeds.

-  Can be applied at low thickness
-  Hand applied
-  Low shrinkage & rapid strength development
-  Good abrasion resistance
-  Good compressive, flexural & tensile strength

Technical Profile*

SHRINKAGE		
<400 microstrain		
FRESH WET DENSITY		
2,200 kg/m ³		
PACKAGING TYPE		
Liquid Isopol SBR		
COMPRESSIVE STRENGTH		
45 N/mm ²		
BONDED _(MIN)	UNBONDED _(MIN)	FLOATING _(MIN)
10mm	40mm +Fibres	40mm +Fibres
WALK-ON		
24-48 hrs		
APPLICATION THICKNESS		
10-100+ mm		

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Technical Profile*

REACTION TO FIRE	IMPACT RESISTANCE
EN 13501-1 E	BS 8204-1 Category A
PACKAGING	
Pre-bagged	
COMPRESSIVE STRENGTH (28 DAYS)	
35 N/mm ²	
FLEXURAL STRENGTH (28 DAYS)	
9 N/mm ² (F9)	
BONDED (MIN THICKNESS)	
5 mm	
WALK-ON	
2 - 4 hrs	
APPLICATION THICKNESS	
5-30 mm	

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Flowscreed Industrial Top (5–30 mm)

A fast drying cement-based, pump applied floor topping for fast track renovation of concrete floors.

Flowscreed Industrial Top can be used with resin toppings to provide better aesthetics and improved wear and chemical resistance.

-  Good resistance to impact and abrasion
-  Pump applied
-  Protein free
-  Fast drying and setting

Technical Profile*

IMPACT RESISTANCE
BS 8204-1 Category A
PACKAGING TYPE
Pre-bagged
COMPRESSIVE STRENGTH (28 DAYS)
30 N/mm ² C30
FLEXURAL STRENGTH (28 DAYS)
8 N/mm
BONDED (MIN THICKNESS)
< 1 mm
WALK-ON
2-4 hrs
APPLICATION THICKNESS
0-30 mm

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Isocrete 1500 Plus (0–30 mm)

A fast drying underlayment for all-purpose and easy levelling of concrete floors prior to application of floor coverings.

Isocrete 1500 Plus has been designed for fast track refurbishment and new construction where floor finishes need to be applied quickly.

-  Rapid installation
-  Protein free
-  Fast drying and setting



Isocrete SL Renovation (5–50 mm)

A fast drying, pump applied, fibre reinforced underlayment for fast track renovation of existing floors prior to application of floor coverings.

Isocrete SL Renovation can be laid over existing floor finishes such as tiles and laid flooring including with Underfloor Heating at 25mm cover.

-  Areas of heavy traffic
-  Suitable with underfloor heating
-  Ready to cover in 2 days

Technical Profile*

REACTION TO FIRE	IMPACT RESISTANCE	
EN 13501-1 E	BS 8204-1 Category A	
PACKAGING		
Pre-bagged		
COMPRESSIVE STRENGTH (28 DAYS)		
30 N/mm ²		
FLEXURAL STRENGTH (28 DAYS)		
8 N/mm ² (F8)		
BONDED (MIN)	UNBONDED (MIN)	FLOATING (MIN)
5 mm	20 mm	25-30 mm
WALK-ON		
2 - 4 hrs		
APPLICATION THICKNESS		
5 - 50 mm		

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Flowcrete Ancillary Products

	ANCILLERY PRODUCTS*					
	M-Bond/M-Bond Extra	Hydraseal DPM	Acqualock One Coat	PHS	Isocrete RS	Isocrete PQ
System Description	A solvent free epoxy bonding agent for concrete or screeds, applied in a single coat (M-Bond) or two coat application (M-Bond Extra) to provide a damp proof membrane as well as a bonder.	Solvent and water free, epoxy resin, liquid applied surface damp proof membrane. Designed to withstand moisture vapour from substrates.	A solvent and water free, epoxy resin, liquid applied surface damp proof membrane, that withstands moisture vapour from substrates.	An ultra low viscosity, solvent free epoxy resin used to refurbish and re-strengthen failed cement/sand screeds by filling voids and bonding material together to provide a very high strength floor screed.	A multipurpose, single-component, rapid strength gaining repair mortar for horizontal & vertical repair projects. Requiring only the addition of water, for fast turn-arounds.	Isocrete PQ is a versatile, single component, rapid strength gaining repair mortar for horizontal, and form and pour repair projects.
Product/ Packaging	Part A & Part B	Part A & Part B	Part A & Part B	Part A & Part B	Pre-bagged	Pre-bagged
Application	Roller	Roller	Roller	Roller	Hand applied	Hand applied
Walk-on	24 hrs	18 hrs	6 hrs	8 hrs	35 mins	5 hrs
Application Thickness	0.5 - 1 mm	0.5 mm	0.35 mm	-	0-100 mm	12-120 mm

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Tremco CPG Europe manufactures high performance building materials in order to solve the complex challenges faced by today's construction industry. With over 1,400 employees across Europe, we are committed to being by your side to shape a world where buildings and structures save energy, last longer and exceed sustainability benchmarks.

Delivering World-Class Construction Product Solutions.

The product brands housed within Tremco CPG Europe cover a wide array of different construction needs and provide a wealth of complex services, support and systems that are rarely found together under one roof.



Sealing, bonding & insulation
Window Insulation, Façade Construction, Exterior Insulation & EIFS, Structural & Inplant Glazing, Insulated Concrete Forms (ICFs)



Passive fire protection
Intumescent Coatings, Fire Stopping



Flooring
Seamless Resin Flooring, Subfloor Preparation, Car Parking Structures



Waterproofing
Potable & Waste Water Industry, Balconies, Terraces, Basements & Foundations



Roofing
Liquid Applied Systems, Felt Systems, Vegetated Roofing

Europe's leading construction products brands...



Tremco CPG UK Ltd
Coupland Road, Hindley Green
Wigan
WN2 4HT UK

+44 (0) 1942 251400
hello@tremcocpg.com
www.tremcocpg.eu



www.flowcrete.eu



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hello@tremcocpg.com



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