speedstar10 TECHNICAL DATA SHEET

03.11.25 V1.2

SpeedStar10 is a semi-dry cementitious screed incorporating additives to produce an early drying, improved strength screed.

SpeedStar10 is technically advanced, offering a quick drying, high early strength and low shrinkage alternative to conventional sand and cement floor screeds, without compromising any of the benefits of a semi-dry screed, such as stepping at thresholds to accommodate different floors finish thicknesses or laying to ramps, falls and cross falls.

APPLICATION:

- Subfloor levelling and roofing applications.
- Unbonded, bonded and floating floor constructions.
- Suitable for both residential and commercial floors.
- High traffic areas where a high strength screed is required.
- Fast track construction where the screed needs reduced drying times.

KEY FEATURES:

- Early installation of moisture sensitive floors.
- High strength and resistance to construction traffic.
- Meets Category A of BRE Screed Impact test as per BS8204-1.
- Improved early strength development.
- Retarded to remain workable for 6 hours.
- No need for onsite mixing equipment.
- Quality assured product.

MANUFACTURE:

SpeedStar10 is manufactured using state of the art computerised batching equipment. All constituent materials are accurately weighed to strict tolerances, ensuring a consistent mix every time. SpeedStar10 is delivered to site in tipper trucks, which can be delivered in quantities from 0.5m2 to 10m3 per load.

COMPLIANCE:

SpeedStar10 has been designed to comply with the requirement of BS EN 13813:2002, screed material and floor screeds, screed material - property and requirements and is used to comply with the requirement of the Code of Practice for Floor Screeds, BS 8204: Part 1.

TECHINICAL INFORMATION

Density (Approx)	1900-2100lg/m3
BRE Test Category	Category A
Strength Classification @ 28 days	C30-F6

SPEED OF CURE (15°C)

Light Foot Traffic	48 hours
Full Traffic	5 Days

DRYING TIME TO RECEIVE FLOOR FINISHES (BS8203)*

Tiles	3 Days
Most Other Floors	7 Days

*20°C 65% RH for screeds @ 50mm thickness. Low temperatures, high humidity and low exchanges of air will all prolong drying.

RTU®
MORTAR / CONCRETE / PLASTER / SCREED

GET IN TOUCH

T: +44 (0) 28 9085 1441
E: info@rtu.co.uk W: www.rtu.co.uk

RTU Ltd
Cloughfern Avenue
Newtownabbey
Co.Antrim, BT37 0UZ

speedstar10 TECHNICAL DATA SHEET

03.11.25 V1.2

RESIDUAL MOISTURE CONTENT

For all flooring types, the final floor finish should not be installed until the screed has dried optimally.

A CM Test offers the most accurate way of assessing the moisture content in floor screeds as it measures the moisture throughout the whole depth of screed, not just at the very top surface. Other testing equipment should be used for guidance purposes only as they are less precise and can be misleading.

SPECIFICATION

Bonded
A minimum thickness of 30mm on an uncontaminated, shot blasted or scabbled & vacuum cleaned concrete substrate bonded with a cement/SBR slurry/grout.

Unbonded
A minimum thickness of 50mm on a sound and clean slip membrane.

Floating
A minimum thickness of 65mm on a sound and appropriate insulation board.

UFH Screeds
Minimum pipe coverage of 30mm.

Note: any deviations in the levels and surface regularity of the base slab should be taken into consideration when determining the thickness of screed, to ensure the minimum thickness can be achieved.

For more information, contact our Technical Department on 028 9085 1441.

RTU®
MORTAR / CONCRETE / PLASTER / SCREED

GET IN TOUCH

T: +44 (0) 28 9085 1441
E: info@rtu.co.uk W: www.rtu.co.uk

RTU Ltd
Cloughfern Avenue
Newtownabbey
Co.Antrim, BT37 0UZ