

SCREED

TECHNICAL DATA SHEET

READY-TO-USE SAND:CEMENT LEVELLING SCREED

Applications

- Subfloor levelling and roofing applications
- Unbonded, bonded and floating floor constructions
- Suitable for both residential and commercial floors

Key Features

- Retarded to remain workable for 8 hours
- Mix in planetary mixer which ensures no balling
- No need for onsite mixing equipment and no requirement for power or water
- Quality assured product with guaranteed minimum strength
- Accurate cement content and mix proportions
- Increased productivity and labour savings
- Reduced wastage and pilferage

Compliance

RTU Screed has been designed to comply with the requirements 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.

Manufacture

All RTU screeds are manufactured using state of the art computerised batching equipment. All constituent materials are accurately weighed to strict tolerances, ensuring a consistent mix every time. RTU Screed is delivered to site on tipper trucks, which can be deliver in quantities from 0.5m³ to 14M³ per load.

Minimum Application Thickness

(as per BS 8204-1)

Bonded	40mm
Unbonded	50mm
Floating	75mm

(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.)



RTU Screed Classification

RTU Screed Classes	Traditional Screed Designations
Des A	3:1
Des B	4:1
Des C	5:1

Fibrescreed

RTU Fibrescreed incorporates a high performance polypropylene micro-fibre. These fibres are evenly dispersed throughout the screed in a 3 dimensional system and help to reduce plastic shrinkage cracking. Fibrescreed will also exhibit improved impact and abrasion resistance.

Drying

Sand:cement screeds should be allowed to cure for 7 days when moisture loss should be prevented. After 7 days the screed can then be allowed to begin the drying process. The screed will dry at 1mm per day for the 1st 40mm, ½ mm per day for the next 40mm and then ¼ mm per day for the next 40mm at ambient conditions of 20°C and 65% relative humidity.

The screed will take longer to dry in poorer drying conditions. Sand:Cement screed should not be forced dried as this will cause increased cracking.

Applications of Floor Covering

The screed must be sufficiently dry before any floor coverings are applied. For permeable floors such as carpets and tiles, moisture content less than 1% is required. For impermeable floor coverings such as vinyl and wooden floors, moisture content less than 0.5% is required.

All floors should be tested for moisture content prior to application of any floor covering.

For more information contact our Technical Department

Tel: 028 9085 1441

www.rtu.co.uk