

Speed SCREED

TECHNICAL DATA SHEET

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

Applications

- Subfloor levelling and roofing applications
- Unbonded, bonded and floating floor constructions
- Suitable for both residential and commercial floors
- Highly 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 & B 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 and no requirement for power or water
- Quality assured product

Compliance

RTU Speed 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.

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.)



Technical Information

| | |
|-------------------------------|-----------------------------|
| Density (Approx) | 1900 -2100kg/m ³ |
| BRE test Category | Category A |
| Compressive Strength @ 28days | >25N/mm ² |
| Light Foot Traffic | 48Hrs |
| Full Traffic | 7 Days |

Drying

Speed screed should be allowed to cure for 7 days when moisture loss should be prevented, by covering with polythene sheet. After 7 days the screed can then be allowed to begin the drying process. Drying time is 1 week per 25mm in good drying conditions (20°C, 50%RH) from removal of polythene curing membrane.

Lower ambient temperatures, higher relative humidity and poor ventilation will all prolong the drying period.

Applications of Floor Covering

Before floor finishes are laid, the moisture content of the screed should be checked. BS8203 recommends a maximum of 75% RH. Alternatively a maximum of 2% moisture by carbide meter method is recommended.

For more information contact our Technical Department

Tel: 028 9085 1441
www.rtu.co.uk