


DATASHEET 7.01

RONASCREED

4 DAY OVERLAY

Powder additive for rapid drying sand and cement screeds

FEATURES

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|---|--|---|
|  <p>Lay most floorings after 3 days at 75mm thickness plus</p> |  <p>Lay most floorings after 4 days at less than 75mm screed thickness</p> |  <p>Open to foot traffic next day</p> |
|  <p>Early commissioning of underfloor heating</p> |  <p>BRE screed test Category A</p> |  <p>Powder additive</p> |
|  <p>Much more cost effective than cement replacement products</p> |  <p>60kg per m³</p> |  <p>No license required</p> |

RonaScreed 4 Day Overlay powder additive is used to quickly reduce the level of retained moisture within site batched screeds. This allows floor coverings to be laid much sooner than with conventional screeds. Rapid strength gain permits early access by following trades.

Drying of screeds incorporating RonaScreed 4 Day Overlay is influenced by heat generated during curing, meaning drying of thicker screeds is faster per millimetre of screed thickness. Screeds installed at 50mm thickness can accept moisture sensitive floor coverings which require 75% surface RH before laying after only 4 days. Screeds laid at 75mm thickness or greater can accept the same coverings after only 3 days..



SPECIFICATIONS

| Mix Designs | |
|-------------------------------|--------------------|
| Portland cement (CEM II 42.5) | 50kg |
| 0/4mm screeding sand | 150kg |
| RonaScreed FastDry Rapid | 6kg |
| Water* | Up to 18 litres |
| Yield per mix | 0.1 m ³ |

* Note that water addition will depend on aggregate water content. An alternative mix has been designed for heavy duty screeds. Please contact Ronacrete technical department for more information.

| Drying comparison of screeds tested at 20°C & 65% air humidity | | | |
|--|---------|----------|----------|
| Screed Type | 50mm | 75mm | 100mm |
| RonaScreed 4 Day Overlay | 4 days | 3 days | 3 days |
| Standard sand and cement | 50 days | 100 days | 175 days |

See drying on reverse.

| Physical Properties | |
|------------------------------|---------------------|
| Compressive strength 1 day | 30N/mm ² |
| Compressive strength 28 days | 68N/mm ² |
| Foot traffic after | 1 day |

| Minimum thickness | |
|------------------------------------|------|
| Bonded (Ronacrete Standard Primer) | 35mm |
| Bonded (cement: water 2:1) | 50mm |
| Unbonded | 50mm |
| Floating (light duty) | 65mm |
| Floating (heavy duty) | 75mm |

DRYING

The drying data is based on drying at 20°C and 65% relative humidity. Low temperature, high humidity, increased screed thickness and changing the mix design will delay drying. If the screed is covered with a curing membrane such as polythene, then the drying time starts when the membrane is

removed. The relative humidity (RH) at the surface of the screed should be measured with a hygrometer (as BS 8203 A.2.1 Insulated impermeable box) before proceeding to lay floor coverings. Standard practices should be followed

USES

RonaScreed 4 Day Overlay screeds can be laid either bonded, unbonded or floating, determined by the substrate type. Bonded screeds must be laid on to a suitably prepared substrate (concrete slabs or existing

screed). Unbonded screeds are those laid on a separating layer or preformed damp proof membrane. Floating screeds are those laid on to insulation boards or acoustic layers.

PACKAGING

RonaScreed 4 Day Overlay is supplied in 18kg packs. Each pack is made up of 6 x 3kg sachets.

SHELF LIFE AND STORAGE

Shelf life in unopened containers is 9 months. Store in a cool dry place and out of direct sunlight. Protect from frost.

How to contact us:

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For more information please refer to technical data sheet.

The information detailed in this leaflet is liable to modification from time to time in the light of experience and of normal product application, and before using, customers are advised to check with Ronacrete Ltd, quoting the reference number, that they possess the latest issue. Any person or company using the product without first making further enquiries as to the suitability of the product for the intended use does so at his own risk, and Ronacrete Ltd can accept no responsibility for the performance of the product, or for any loss or damage arising out of such use.