

DATASHEET 6.02

RONASCREED

FASTDRY PROMPT



Fast drying additive for sand and cement screeds

FEATURES

<p>Lay flooring over 50mm screeds after 8 days</p>	<p>Lay flooring over 75mm screeds after 9 days</p>	<p>Lay flooring over 100mm screeds after 10 days</p>
<p>Open to foot traffic next day</p>	<p>Early commissioning of underfloor heating</p>	<p>BRE screed test Category A</p>
<p>Liquid additive</p>	<p>Much more cost effective than cement replacement products</p>	<p>No license required</p>

SPECIFICATIONS

Mix Design 1	
Portland cement (CEM II 42.5)	50kg
0/4mm screeding sand	150kg
RonaScreed FastDry Prompt	1 litre
Water	Up to 18 litres
Yield per mix	0.1 m ³ approximately

These mix designs are based on the use of dry sand, when using damp or wet sand, the water content of the mix should be reduced accordingly.

Mix Design 2	
Portland cement (CEM II 42.5)	50kg
0/4mm screeding sand	100kg
5/10mm granite	100kg
RonaScreed FastDry Prompt	1 litre
Clean Water	Up to 18 litres
Yield per mix	0.125 m ³ approximately

Drying comparison of screeds tested at 20°C & 65% air humidity				
Screed Type	50mm	75mm	100mm	
RonaScreed Fast Dry Prompt	8 days	9 days	10 days	
Market Competitor	14 days	21 days	No data	
Standard sand and cement	50 days	100 days	175 days	

Independently tested by VINCI Technology Centre UK Limited – Certificate No. 29891

Drying data of RonaScreed FastDry Prompt is based on Mix Design 1 See drying on reverse.

Physical Properties	
Compressive strength 1 day	23N/mm ²
Compressive strength 28 days	48N/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

RonaScreed FastDry Prompt is a fast drying additive for site batched screeds used to quickly reduce the level of retained moisture within the screed. This allows floor coverings to be laid over the screed much sooner than with conventional screeds. RonaScreed FastDry Prompt gains strength quickly, permitting early access by following trades.

Drying of screeds incorporating RonaScreed FastDry Prompt is influenced by heat generated during curing, meaning drying of thicker screeds is faster per millimetre of screed thickness. Screeds installed at 50mm can accept moisture sensitive floor coverings after only 8 days, 75mm screeds can accept the same coverings after only 9 days and 100mm screeds after only 10 days.



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 before proceeding to lay floor coverings. Standard practices should be followed.

UNDERFLOOR HEATING AND DEHUMIDIFIERS

The drying speed of RonaScreed FastDry Prompt means commissioning of underfloor heating systems, or use of dehumidifiers,

can commence after only 6 days at 75mm thickness and 7 days at 100mm thickness at 20°C and 60-65% air humidity.

USES

RonaScreed FastDry Prompt 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 an insulation board or acoustic layer.

PACKAGING

RonaScreed FastDry Prompt is supplied in 20, 210 and 1000 litre units.

SHELF LIFE AND STORAGE

Shelf life in unopened containers is 9 months. Store in a cool dry place. Protect from frost.

How to contact us:

You can contact the Ronacrete office directly on **01279 638700**

Alternatively, you can email us using the email addresses.

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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.