










DATASHEET 6.04

RONASCREENED

FASTDRY PROMPT

Fast drying additive for sand and cement screeds

FEATURES

 <p>Lay flooring over 50mm screeds after 4 days</p>	 <p>Lay flooring over 75mm screeds after 6 days</p>	 <p>Lay flooring over 100mm screeds after 6 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 Designs 1 & 2	50mm	75mm	100mm
Time to achieve 80% RH	5 days	6 days	7 days
Time to achieve 75% RH	8 days	9 days	10 days

Mix Design 3	50mm	75mm	100mm
Time to achieve 80% RH	3 days	2 days	2 days
Time to achieve 75% RH	4 days	6 days	6 days

Mix 1 (see below) independently tested by VINCI Technology Centre UK Limited – Certificate No. 29891
The accepted relative humidity at the surface of a screed for the laying of vinyl floor coverings, tiles etc is 75%.
The data is based on drying @ 20°C and 60±5% relative humidity. Low temperature, high humidity, increased screed thickness and changing the mix

Mix Designs	Mix 1	Mix 2	Mix 3
Use	Medium to heavy duty	Heavy duty	Medium to heavy duty
Portland cement (CEM II 42.5)	50kg	50kg	50kg
0/4mm screeding sand	150kg	75kg	150kg
5/10mm granite	-	75kg	-
RonaScreed FastDry Prompt	1 litre	1 litre	2 litres
Water	Typically up to 8 litres	Typically up to 8 litres	Typically up to 8 litres
Yield per mix	0.1m ³	0.1m ³	0.1m ³

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 4 days, whilst 75mm and 100mm screeds can accept the same coverings after only 6 days.



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

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 2 days at 75mm and 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.