









DATASHEET 29.01

RONABOND

HB40 ULTRA RAPID

Rapid setting high build concrete repair mortar

FEATURES

 <p>High build repair mortar</p>	 <p>Rapid setting and strength gain</p>	 <p>Low temperature use</p>
 <p>Repairs up to 75mm in single application</p>	 <p>Install from 6mm</p>	 <p>High strength</p>
 <p>Use for structural repairs</p>	 <p>Waterproof</p>	 <p>Frost proof</p>

SPECIFICATIONS

Pack Size and Coverage	
Pack size	18kg
Coverage	1.3m ² at 10mm 1m ² at 13mm 0.52m ² at 25mm 0.26m ² at 50mm 0.17m ² at 75mm

Physical Properties at 20°C	
Use	vertical and overhead repairs
Water addition per 18kg	3.0 – 3.2 litres
Density	1550kg/m ³
Application Temperature	2 – 25°C
Application thickness (min / max)	6mm/75mm
Compressive strength at 1 hour	6N/mm ²
Compressive strength at 24 hours	30N/mm ²
Compressive strength at 28 days	37N/mm ²
Tensile Strength at 28 days	2.7N/mm ²
Flexural strength at 28 days	7.1N/mm ²
ISAT	0.003 ml/m ² /sec

RonaBond HB40 Ultra Rapid mortar is used for repairing concrete on vertical and overhead surfaces where ease of application is as important as strength. RonaBond HB40 Ultra Rapid can be applied in relatively thick section to walls and soffits and, depending on the nature of the repair, in layers up to 75mm depending on size and orientation. RonaBond HB40 Ultra Rapid is suitable for use at lower temperatures, minimum 2°C. Multiple layers may be applied in a single day depending on temperature.





Ronacrete
WORLD CLASS MANUFACTURER

ADDITIONAL LAYERS

When multiple layer application is required, each intermediate layer must be combed and allowed to harden before application of Ronacrete Rapid Primer and a further layer of mortar. The repair must be finished with a steel or wood float, and may be dry sponge

finished if required. If applying a protective or decorative coating such as RonaBond Crack Bridging Anti Carbonation Coating WB or RonaBond Anti-Carbonation Coating WB, leaving the final layer with a sponge finish will aid adhesion.

APPLICATION CONDITIONS

RonaBond HB40 Ultra Rapid can be used in most weather conditions and in a wide temperature range, from +2°C to 25°C and above. At high ambient and material temperature the working time of the mix will be reduced; it will be increased at lower temperatures.

PACKAGING

RonaBond HB40 Ultra Rapid is supplied in 18kg packs and requires only the addition of water.

SHELF LIFE AND STORAGE

RonaBond HB40 Ultra Rapid should be stored unopened between 10°C and 25°C in dry warehouse conditions and out of direct sunlight. In these conditions shelf life is approximately 6 months.

RONABOND

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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.