










# DATASHEET 28.01

# RONABOND

# HB40

High build concrete repair mortar

## FEATURES

 <p><b>High build repair mortar</b></p>	 <p><b>Repairs up to 75mm in single application</b></p>	 <p><b>Install from 6mm</b></p>
 <p><b>High strength</b></p>	 <p><b>Use for structural repairs</b></p>	 <p><b>Easy to use</b></p>
 <p><b>Pre-packed for control and convenience</b></p>	 <p><b>Waterproof</b></p>	 <p><b>Frost proof</b></p>

## SPECIFICATIONS

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

Physical Properties at 20°C	
Use	vertical and overhead repairs
Water addition per 18kg	3.0 – 3.2 litres
Density	1550kg/m <sup>3</sup>
Application thickness (min / max)	6mm/75mm
Compressive strength at 24 hours	23N/mm <sup>2</sup>
Compressive strength @ 7 days	33N/mm <sup>2</sup>
Compressive strength @ 28 days	35N/mm <sup>2</sup>
Tensile Strength @ 28 days	2.9N/mm <sup>2</sup>
Flexural strength @ 28 days	7.1N/mm <sup>2</sup>
ISAT	0.003ml/m <sup>2</sup> /sec

RonaBond HB40 mortar is used for repairing concrete on vertical and overhead surfaces where ease of application is as important as strength. RonaBond HB40 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.





**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 Standard 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 can be used in most weather conditions and in a wide temperature range, from +5°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 is supplied in 18kg packs and requires only the addition of water.

## SHELF LIFE AND STORAGE

RonaBond HB40 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

## How to contact us:

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**For more information please refer to technical data sheet.**

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