

KORROBOND 90 - POLYURETHANE CRUSHER BACKING

PRODUCT INFORMATION

	Stock no. 91000	Package Size 10kg
Description	Korrobond 90 Crusher Backing has been specially formulated to produce a tough flexible backing of low viscosity to ensure free flow into the smallest cavities and contours of manganese steel. .	
Features	<ul style="list-style-type: none"> • No pre-heating required, even in the coldest conditions • Easy to mix and pour • Gel time can vary from between 15 & 40 minutes (dependent on temperature) • Good compressive and flexural strength 	

PRODUCT DATA

Typical Physical Properties	Colour	Grey/Brown
	Density (g/cm ³)	1.9
	Viscosity (cps)	9000
	Gel time (minutes)	
	@ 40°C	4
	@ 30°C	13
	@ 20°C	20
	@ 10°C	25
	@ 0°C	30
	Allow to harden (hours)	
	@ 40°C	3
	@ 30°C	6
	@ 20°C	8
	@ 10°C	16
@ 0°C	24	
Compressive strength (MPa) BS2782	79.2 (11500 psi)	
Tensile strength (MPa) BS2782	26.5 (4000 psi)	
Flexural strength (MPa) BS2782	51.4 (7500 psi)	

APPLICATION INFORMATION

Application	<p>Korrobond 90 Crusher Backing is packed in two containers, 'A' and 'B' which together form a preweighed kit. The large container contains the Resin material, the small container the hardener.</p> <p>When mixed they react to form the final crusher backing material.</p> <p>The Resin is a dense mineral filled compound, as such it is essential to ensure this is agitated prior to the addition of the hardener. Both components are different colours and should be mixed until homogenous.</p> <p>DO NOT BREAK DOWN KITS.</p> <p>As Korrobond 90 Crusher Backing is a relatively low viscosity when mixed all areas where seepage may occur should be plugged or sealed off with foundry clay.</p> <p>On certain makes of machines, the Concave Holding Lugs (hooks for U-Bolt springs) etc are below the level of the backing media. As such these should be sealed off with a piece of wood or metal treated with Devcon Release Agent, sealed with foundry clay and wedged into position. Once the Crusher Backing has cured, these items are then easily removed.</p>
Shelf life & Storage	<p>A shelf life of three years from date of manufacture can be expected for this product when stored at room temperature (22°C) in their original containers.</p>
Precaution	<p>For complete safety and handling information, please refer to the appropriate Material Safety Data Sheets prior to using this product.</p>
Warranty	<p>ITW Korroflex will replace any material found to be defective. As the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.</p>
Disclaimer	<p>All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Korroflex makes no representations or warranties of any kind concerning this data.</p> <p>For product information visit www.Korroflex.com alternatively for technical assistance please call +44 (0) 870 458 7388 (UK) or +49 431 718830 (Germany).</p>