

KORROBOND 65 - EPOXY CRUSHER BACKING

PRODUCT INFORMATION

	<u>Stock No.</u> 81065P 81065D 81065DH	<u>Package Size</u> 10kg Kit 200l Crusher Backing 20kg Hardener
Description	Korrobond 65 is a two-component epoxy based backing compound and damping material for stone crushers. It serves as a backing and reinforcing layer between machine parts and as a damper when subjected to impact and shock loads.	
Features	<ul style="list-style-type: none"> • Very high compressive strength • 100% Solids, no solvents, minimum shrinkage • Easy to mix and pour - no skilled labour required • Long established OEM and after market proven product • High impact strength and resilience • Ideal for extremely cold environments 	

PRODUCT DATA

Typical Physical Properties	Density	1500 kg/m ³
	Compressive Strength	>117.2N/mm ² (17,000psi) as per ISO 604
	Tensile Strength	>27.6N/mm ² (4,000psi) as per ASTM 638
	Impact Strength	> 6.5 KJ/m ² as per ISO 179
	Lap Shear Strength	> 353.8kg (780lbs)
	Shore D Hardness	> 80
	Viscosity	16000 cps
	Curing Shrinkage	0.01%
	Pot Life	15 minutes (approx.)
	Return to Service Time	8 - 10 hours
Mixing Ratio (by volume)	7 Resin : 1 Hardener	

APPLICATION INFORMATION

Application	It is recommended that Korrobond 65 is brought to the most suitable working temperature of about 20° C by placing it in a warm room 24 hours prior to use. At lower temperatures the material will be more viscous and at temperatures above 30° C the pot life of the product will be reduced. At temperatures below 5° C and above 40° C casting should not be carried out. Prior to use the respective crusher manufacture's instructions should be consulted.
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Korrobond 65 – Epoxy Crusher Backing

Mixing	Korrobond 65 is delivered in two components that have a balanced ratio, which should not be altered. Using a suitable mixing tool (e.g. slow running drills with mixing paddle) stir Part A and mix it thoroughly with Part B – the curing agent. A uniform colour will be noticed when complete mixing is achieved. Failure to adhere to the correct mixing ratio or poor mixing will result in the compound failing to harden in several areas, thus causing the whole pour to be ruined.
Cleaning of tools	Tools used in contact with this product should be cleaned in methylated spirit immediately after use, as Korrobond 65 is difficult to remove once cured.
Shelf life & Storage	A shelf life of approximately 12 months from date of manufacture can be expected for this product when stored at room temperature (22°C) in their original containers.
Precaution	For complete safety and handling information, please refer to the appropriate Material Safety Data Sheets prior to using this product.
Warranty	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.
Disclaimer	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. For product information visit www.Korroflex.com alternatively for technical assistance please call +44 (0) 870 458 7388 (UK) or +49 431 718830 (Germany).