

HR SUPER 3000

PRODUCT INFORMATION

	<u>Stock No.</u> 16400	<u>Package Size</u> 500g
Description	The HR-Super 3000 putty is a high performance epoxy ideal for repairing damaged equipment which is exposed to temperatures as high as 300°C (dry).	
Recommended Applications	<ul style="list-style-type: none"> • Stop leaking in pipes, valves, flanges and tanks • Repair machinery • Fill small to large holes in casting • Repair an engine block or crankcase 	

PRODUCT DATA

Typical Physical Properties	Colour	Grey	
	Mix Ratio by Volume	1 : 1	
	Mix Ratio by Weight	1 : 1	
	% Solids by Volume	100	
	Pot life at 25°C/ mins	5-10	
	Specific Volume CC/Kg	435	
	Cured Shrinkage cm/cm	N/A	
	Density g/cm ³	2.3	
	Temperature resistance / °C	Dry 220°C	
	Coverage	0.217m ² /0.5Kg Pack @ 1mm	
	Cured Hardness / Shore D	80	
	Dielectric Strength KV/mm	1.2	
	Adhesive Tensile Shear / MPa	12-15	
	Compressive Strength MPa	88-98	
	Coefficient of Thermal Expansion x10 ⁻⁶ cm/cm/°C	55	
	Thickness per Coat / mm	N/A	
	Functional Cure Time /Hours	6	
	Recoat Time /Hours	N/A	
Mixed Viscosity /cps (where applicable)	Putty		
Chemical Resistance	7 days room temperature cure (30 days) - Testing carried out 30 days immersion at 24 °C		
	Ammonia	N/A	Methylene Chloride N/A
	Cutting Oil	N/A	Sodium Hypochlorite 5% (Bleach) N/A
	Ethyl Alcohol	N/A	Sodium Hydroxide 10% Poor
	Gasoline (Unleaded)	Excellent	Sulphuric Acid 10% Fair
	Hydrochloric Acid 10%	Fair	Xylene Excellent
	Methyl ethyl Ketone (MEK)	Fair	
	Excellent = +/- 1% weight change Very Good = +/- 1-10% weight change Fair = +/- 10-20% weight change Poor = > 20% weight change		

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Shelf life & Storage	A 1 year shelf life from date of manufacture can be expected when stored at 5°C in their original containers
Precaution	For complete safety and handling information, please refer to Material Safety Data Sheets prior to using this product.
Warranty	Devcon will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.
Disclaimer	<p>All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Devcon makes no representations or warranties of any kind concerning this data.</p> <p>For product information visit www.devconeurope.com alternatively for technical assistance please call +44 (0) 870 458 7388 (UK) or +49 431 718830 (Germany)</p>