



**BELDAM CROSSLEY LIMITED**

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 ISO 9001 Approved.

<b>PRODUCT REFERENCE</b>	<b>PILOT-THERM JOINTING (201)</b>	<b>PRODUCT DATA SHEET NUMBER</b>	<b>656</b>
<b>PRODUCT DESCRIPTION</b>	PILOT-THERM is a non-asbestos jointing material for use in the sealing of hot gases, solvents, acids and oils.		
<b>MATERIALS OF CONSTRUCTION</b>	MICA REINFORCING BINDERS		
<b>COLOUR</b>	FAWN		
<b>TYPICAL PROPERTIES</b>	<b>TEMPERATURE RANGE</b>	Up to 1000 <sup>o</sup> C	
	<b>PRESSURE RANGE</b>	Up to 5 bar.	
	<b>DENSITY</b>	1.90 g / cm <sup>3</sup>	
	<b>TENSILE STRENGTH</b>	20 MPa	
	<b>RESIDUAL STRESS (BS 7531) (DIN 52913)</b>	29 MPa 40 MPa	
	<b>COMPRESSION (ASTM F36J)</b>	25%	
	<b>RECOVERY (ASTM F36J)</b>	35%	
	<b>MOISTURE CONTENT</b>	< 3%	
	<b>IGNITION LOSS @ 800<sup>o</sup>C</b>	< 5%	
	<b>GAS PERMEABILITY (Based upon BS 7531)</b>	< 0.2 ml/min @ 2 bar	
<b>APPLICATIONS</b>	MICA JOINTING is recommended for use in gas turbines, gas and oil burners, refractory underlays, metal foundries, exhaust manifolds and as thermal insulation and sealing gaskets within a wide range of industries.		
<b>AVAILABILITY</b>	Thickness range : 0.5mm to 3mm		
<b>NOTE</b>	<p><i>This copy as dated supersedes all previous copies. We reserve the right to make changes to the product and datasheet without prior notification.</i></p> <p><i>As the application &amp;/or conditions of use of this product are beyond BCL'S control, users should therefore satisfy themselves it is suitable for the intended purpose.</i></p> <p><i>Liability to users will only extend to the invoice value of the goods supplied, in respect of the above information.</i></p>		
<b>AUTHORISED BY: M. NICHOLAS</b>		<b>DATE: 12<sup>th</sup> October 2006</b>	