



**PRODUCT INFORMATION SHEET**

**MORTAR 80 PM**

<b>CLASSIFICATION</b>	<b>INORGANIC PHOSPHATE BONDED HIGH ALUMINA MORTAR</b>		
<b>PHYSICAL PROPERTIES</b>	Max. Service Temperature	<sup>0</sup> C	1770
	Pyrometric Cone Equivalent	Orton Cone	38
	Approximate Amount required per 1000 pcs 9" standard brick equivalent thinly trowelled joints		
	Standard Equivalent. (Thinly Trowelled Joints)	kg	225
	Modulus of Rupture After Drying at 110 <sup>0</sup> C	kg/cm <sup>2</sup>	45
	Refractoriness Test: MORTAR does not squeeze or flow from joints when heated for 5 hrs at	<sup>0</sup> C	1700
	<b>CHEMICAL COMPOSITION</b>	Alumina (Al <sub>2</sub> O <sub>3</sub> )	%
Silica (SiO <sub>2</sub> )		%	8.0
Phosphorous Pentaoxide (P <sub>2</sub> O <sub>5</sub> )			10.0
APPROX. (%) Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )		%	1.8

The data cannot be used for specification and guarantee purpose – reasonable variances in data can be expected. Product data is update periodically to reflect product / raw material / process / testing changes. Please contact BST's representative for the most updated data.

**We are refractory solutions**