

General description	<b>. Moldable Ramming Mass</b> <b>SPS 55</b> is an air-setting, super duty plastic refractory.	
Typical Characteristics	Max service temp	1600°C
	Application	Hand trowel
	Usage rate	Approximately 210kg per 1000 bricks (230 mm x 115mm x 75mm)
	Bulk Density (kg/m <sup>3</sup> ) After Heating to 110oC.	Bulk Density (kg/m <sup>3</sup> ) 2220 - 2340
	After Firing to 1000oC.	2120 - 2240
	After Firing to 1600oC.	1920 - 2240
	Cold Crushing Strength (MPa)	
	After Heating to 110oC..	7 - 16
	After Firing to 1000oC	12 - 20
	After Firing to 1600oC	18 - 24
	Modulus of Rupture (MPa)	
	After Heating to 110oC.	2 - 7
	After Firing to 1000oC.	1 - 6
	After Firing to 1600oC.	6 - 9
	Permanent Linear Change (%)	
	After Heating for 24 hrs at 110oC	-1.4 to -0.6
	After Firing for 5 hrs at 1000oC.	-1.4 to -0.9
	After Firing for 5 hrs at 1600oC	+1.5 to +2.0
Recommend use	<b>SPS 55</b> has excellent resistance to slag attack and vitrification. It is a dense, volume stable, highly refractory material, which makes it a good, general purpose moldable, suitable for a wide range of applications.	
Shelf Life	9 Months Storage of the product should be in a cool, dry place.	

**TYPICAL CHEMICAL ANALYSIS (%)**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	TiO	MgO	Alkalies
56	40	1	0.2	1.5	0.2	0.3