



GENERAL DESCRIPTION	Moldable Ramming Mass SPS 55 is an air-setting, super duty plastic refractory.
TYPICAL CHARACTERISTICS	<p>Max service temp            1600°C</p> <p>Application                    Hand trowel</p> <p>Usage rate                      Approximately 210kg per 1000 bricks (230 mm x 115mm x 75mm)</p> <p>Bulk Density (kg/m<sup>3</sup>)    Bulk Density (kg/m<sup>3</sup>) After Heating to 1100°C. 2220 - 2340 After Firing to 1000°C. 2120 - 2240 After Firing to 1600°C. 1920 - 2240</p> <p>Cold Crushing Strength (MPa) After Heating to 1100°C.     7 - 16 After Firing to 1000°C 12 - 20 After Firing to 1600°C 18 - 24</p> <p>Modulus of Rupture (MPa) After Heating to 1100°C.     2 - 7 After Firing to 1000°C.       1 - 6 After Firing to 1600°C.       6 - 9</p> <p>Permanent Linear Change (%) After Heating for 24 hrs at 1100°C -1.4 to -0.6 After Firing for 5 hrs at 1000°C. -1.4 to -0.9 After Firing for 5 hrs at 1600°C +1.5 to +2.0</p>
RECOMMEND USE	SPS 55 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	SiC	ZrO <sub>2</sub>	Alkali
56	40	1	0.2	1.5	0.2	0.3

**CONTACT US**

P: +61 8 9417 4226 | F: +61 8 9417 9827

E-Mail: [sales@furnace-technologies.com.au](mailto:sales@furnace-technologies.com.au)

[www.furnace-technologies.com.au](http://www.furnace-technologies.com.au)

**Furnace Technologies Pty Ltd**

60 Cutler Road, Jandakot, WA 6164