

## SILALITE LW

Silalite LW is a general purpose lightweight insulation refractory castable for use as a backup lining, or as a hot face in non-abrasive applications.

### Application Data

Maximum Service Temperature	1250°C
Dry Quantity Required	1100 kg/m <sup>3</sup>
Water Required	50%
Installation Method	Casting/ Gunning
Shelf Life	12 Months
Normal Packaging	40 x 25kg bags

### Physical Properties

Temperature °C	Bulk Density kg/m <sup>3</sup>	Cold Crushing Strength Mpa	Modulus Of Rupture Mpa	Permanent Linear Change %	Abrasion Resistance cc
110	1090	2	-	-0.05 to -0.01	-
600	988	2	-	-0.40 to -0.20	-
1000	984	1.5	-	-1.20 to -1.10	-

### Thermal Properties

Mean Temperature	500°C	1000°C	1200°C	1400°C
W/mK	0.32	0.37	0.40	-

### Typical Chemistry

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	CaO+MgO	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Alkalis
46.8%	29.4%	18.2%	2.10%	1.23%	0.50%

All data is compiled from routine testing under controlled conditions to Australian Standard AS1774 & ASTM standards where applicable, and does not constitute a specification. No guarantee or warranty is implied and users assume all risks and liabilities arising from the use of this information, which is subject to review whenever necessary.

