

# DARLEY REFRACTORIES AUSTRALIA PTY. LTD.

A.C.N. 104 582 023 A.B.N. 85 104 582 023



P.O. Box 291  
58 Grey Street  
Bacchus Marsh Vic. 3340

Telephone: (03) 5367 2300  
Facsimile: (03) 5367 2991  
Email: [darley@darleyrefractories.com.au](mailto:darley@darleyrefractories.com.au)  
Web: [www.darleyrefractories.com.au](http://www.darleyrefractories.com.au)

## PRODUCT

## LITECRETE 960

## DESCRIPTION

A medium temperature light weight insulating refractory castable comprised of hydraulic setting aluminous cements and insulating aggregates suitable for hot face application.

## MAXIMUM RECOMMENDED SERVICE TEMPERATURE\*

1100°C

## TYPICAL PROPERTIES:

Bulk Density	1,050	kg/m <sup>3</sup>		
(cast & dried @ 110°C)				
	<u>110</u>	<u>750</u>	<u>1100</u>	<sup>°C</sup>
Cold Compressive Strength	4	2	2	MPa
Modulus of Rupture	1	-	-	MPa
Permanent Linear Change				
After heating for 5h @	-0.1	-0.3	-0.5	%

## THERMAL CONDUCTIVITY: (On cooling from 1050°C)

@ Mean Temp	<u>400°C</u>	<u>700°C</u>
	0.25	0.30 W/m.°K

## TYPICAL COMPOSITION:

Alumina	28	%
Silica	47	
Calcia	14	
Ferric Oxide	7	
Alkalies	2	

NOTE: Data is derived from routine testing of regular grade mixes and is not a guaranteed specification. Water addition for casting: 52%