

RIMPEX LTD
THE WORLD OF REFRACTORIES



INSULATING REFRACTORY CASTABLES

Refractory castables on the basis of light refractory materials and refractory cement. Main components of the lightweight refractory castables of RIMPEX Ltd. under the general designation RIMPEXAL LIC are perlite, lightweight fireclay, etc. They are usually cast, vibrocast or rammed. Gunning is also possible.

Their main application is thermal insulation of various high temperature units in industry and power generation.



CONTENT	1
INSULATING REFRACTORY CASTABLE <i>RIMPEXAL</i> LIB 1.2	2
INSULATING REFRACTORY CASTABLE <i>RIMPEXAL</i> LIB 0.9	2
INSULATING REFRACTORY CASTABLE <i>RIMPEXAL</i> LIB 1.5	3
INSULATING REFRACTORY CASTABLE <i>RIMPEXAL</i> LIB 1.6	3



**INSULATING REFRACTORY CASTABLE
RIMPEXAL LIB 1.2**

N°	PROPERTIES	UNIT	VALUE
1.	Maximum application temperature	°C	1100
2.	Main component		lightweight fireclay
3.	Grain size	mm	0 - 5
4.	Cold crushing strength after 500°C x 2 h	MPa	≥3
5.	Bulk density after 500°C x 2 h	g/cm ³	<1,2
6.	Method of application		casting, vibrocasting

**INSULATING REFRACTORY CASTABLE
RIMPEXAL LIB 0.9**

N°	PROPERTIES	UNIT	VALUE
1.	Maximum application temperature	°C	1000
2.	Main component		perlite, lightweight fireclay
3.	Grain size	mm	0 - 5
4.	Cold crushing strength after 500°C x 2 h	MPa	≥2
5.	Bulk density after 500°C x 2 h	g/cm ³	<0,9
6.	Method of application		casting. vibrocasting



**INSULATING REFRACTORY CASTABLE
RIMPEXAL LIB 1.5**

N°	PROPERTIES	UNIT	VALUE
1.	Maximum application temperature	°C	1300
2.	Main components		perlite, lightweight fireclay
3.	Grain size	mm	0 - 5
4.	Cold crushing strength after 500°C x 2 h	MPa	≥9
5.	Bulk density after 500°C x 2 h	g/cm ³	<1,5
6.	Method of application		casting, vibrocasting

**INSULATING REFRACTORY CASTABLE
RIMPEXAL LIB 1.6**

N°	PROPERTIES	UNIT	VALUE
1.	Maximum application temperature	°C	1300
2.	Main component		lightweight fireclay
3.	Grain size	mm	0 - 5
4.	Cold crushing strength after 500°C x 2 h	MPa	≥9
5.	Bulk density after 500°C x 2 h	g/cm ³	<1,6
6.	Method of application		casting, vibrocasting