

Moravské keramické závody akciová společnost Rájec-Jestřebí	LB - 1400 EXPANDED REFRACTORY CASTABLE	Product sheet MKZ 30/Z 02/2002
---	---	-----------------------------------

Description : LB 1400 expanded refractory castable is based on calcium-silicate opening materials and expander, held together by a hydraulic bond.

Use : The product is designed for the ramming and patching of the transport paths of molten aluminium and its alloys, being resistant to wetting by aluminium.
LB 1400 expanded refractory castable is intended for a service temperature of up to 1000°C.
It is shipped in a dry condition and mixed with water before use.
Before service the refractory concrete must be dried using a gas burner.

Specifications :

Property	Normal value	Testing procedure
Chemical composition (%)		ČSN EN 955-2
SiO ₂ content	22	
Al ₂ O ₃ content	46	
CaO content	28	
MgO content	0.6	
Fe ₂ O ₃ content	0.4	
Bulk density (kg/m ³)	1400*	ČSN EN 993-1
Crushing strength (MPa)		ČSN EN 993-5
after drying 105°C	10*	
after firing 800°C	12*	
Thermal conductivity coeff. (W/mK)		ISO 8894/2
200°C	0.42*	
400°C	0.40*	
600°C	0.39*	
800°C	0.38*	
1000°C	0.42*	

* Approximate values that may vary depending on the type of lining.

Packaging : The product is shipped in a dry condition, packed in 25 kg paper bags with a PE insert, stacked on pallets.

Storing : The product should be stored in dry and enclosed warehouses.
The storage period is max. 6 months from the date of production.

Ing. Milan Čvanda
Managing Director and Chairman of the Board

Supersedes: -	Page: 1/1	Effective from: 18. 10. 2002
---------------	-----------	------------------------------

Moravské keramické závody akciová společnost Rájec-Jestřebí	LB - 1400 EXPANDED REFRACTORY CASTABLE	Product sheet MKZ 30/Z 02/2002
---	---	-----------------------------------

Ing. Milan Čvanda
Managing Director and Chairman of the Board

Supersedes: -	Page: 1/1	Effective from: 18. 10. 2002
---------------	-----------	------------------------------