



Pre-cast Refractory Dome for Pizza Oven

1.0 Introduction

Our Precast Dome for Wood Fired Wildwood Ovens are ideal options for most people interested in installing wood fired ovens in their homes or on their patios. Made from the most state-of-the-art & natural refractory elements, this model is lightweight and retains heat beautifully. The outdoor oven dome allows this model to heat faster than flat-topped wood burning oven designs; the domes let the flames roll around, so optimal temperatures are reached quickly.

Our PreCast Ovens have several special features that make them stand out from the rest:

+ Single-Piece Oven Dome

The entire body of the oven, including the oven dome and opening are cast as one piece in a single pour. We use high quality Refractory Castable (rated to over 1350oC), reinforced with stainless steel fibres to make our PreCast Pizza Ovens incredibly strong!

+ Professional

15 years in field of Refractories as manufacturer of firebrick and castables
Professional worker with experienced for more than 10 years in refractory field

+ Low Cost

Low cost in raw material:made in Zibo,a famous city of refractories.
Low cost in Human resource

+ High Strength

Add stainless steel fibers to increase the strength of the Dome

+ Good Finishing

Polishing needed as final step of finished product

+ Quick Delivery



LAVA (DALIAN) INTERNATIONAL TRADE CO.,LTD

No.155,Shandong Road,Dalian,China.116031, Tel/Fax:(86)0411-39563205,Cell:(86)13322231605

Website: www.lavadl.com

Mail to: info@lavadl.com

2.0 Data Sheet

PHYSICAL PROPERTIES

Maximum service temperature	°C	1,450
Maximum Grain Size of Aggregates	mm.	5
Approximate Weight Required for Casting	kg/m ³	2,300-2,350
Approximate Amount of water Required for Casting	%	10-12
Bulk Density after Drying at 110 °C	kg/m ³	2,300-2,350
Cold crushing strength after Drying at 110 °C	MPa	35-40
Modulus of rupture after Drying at 110 °C	Kg/cm ²	70-75
Reheat test,Permanent linear change		
After heating at 1260°C	%	-0.5

THERMAL EXPANSION

At 400°C	Kcal/m.hr °C	0.80
At 600°C	Kcal/m.hr °C	0.85
At 800°C	Kcal/m.hr °C	0.88
At 1000°C		0.90

CHEMICAL COMPOSITION: (APPROXIMATE)

Silica(SiO ₂)	%	35.0
Alumina(Al ₂ O ₃)	%	61.6
Iron Oxide(Fe ₂ O ₃)	%	2.5



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Half Finished



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Add Steel Fiber





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Front View





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Inside View



3.0 Order

Please send drawing for order.....