



Shiv Sales Corporation®

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Ceramic Board/Blocks

Product Description

Ceramic Fiber Board is made from refractory fibers and binders which have low organic content, the mixture is vacuum processed into boards that keep good mechanical strength after heating.

Characteristics

- Low thermal conductivity
- Resistance to thermal shock
- Greater mechanical strength
- Even density, thickness
- Can withstand gas flow velocity of 30 m/sec
- Easy to cut or install
- Good erosion resistance
- Shorter heat up and cool down time
- Asbestos free

Applications

- Hot face lining of ceramic kilns
- Insulation for kiln car
- Furnace door insulation
- Ducts insulation
- General thermal barriers
- High temperature insulation

Technical Index

Temperature° C	Density	Al ₂ O ₃	SiO ₂	ZrO ₂	Loss on Ignition
1050°C	300-370	21-23	72-74	--	5-8
1260°C	320-384	43-45	54-56	--	4-7
1425°C	320-384	29-31	54-58	12-14	4-7

Temperature° C	Compressive Strength 10% deform Kg/Cm2	Compressive Strength 25% deform Kg/Cm2	Bursting Strength Kg/Cm2	Linear Shrinkage % 24 hrs.	
1050°C	2.8 Min.	4.5 Min.	10 Min.	2.5 Max.	At 1000°C
1260°C	2.8 Min.	4.5 Min.	15 Min.	3.5 Max.	At 1200°C
1425°C	2.8 Min.	4.5 Min.	15 Min.	3.5 Max.	At 1400°

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