

## Simvac Speciality Boards & Shapes

Simvac Speciality Boards are manufactured for special applications where properties such as high compressive strength and modulus of rupture with good resistance to corrosion to high velocity gas flow is required in comparison to other ceramic fiber boards. This boards are made from mixture of refractory ceramic fibers, speciality minerals and binders which have low organic content, the mixture is vacuum processed into boards that imparts good mechanical strength even after heating.

**Simvac MS Boards** are having **Moderate Strength** and modulus of rupture compare to **Simvac US Boards** which is having **Ultra Strength**. Both finds usage in variety of application on the basis of the properties required.

**Simvac Shapes** are the customised shapes such as sleeves, cones, etc. manufactured by vacuum forming of mixture of refractory fibers and binders having low organic content.

### Characteristics

- Resist to hot gas erosion
- Low shrinkage value
- Moderate to High strength and density
- Low thermal conductivity
- Low heating time and cooling time
- Resist to thermal shock
- Unaffected, even directly in contact with the flow of Al and other Non-ferrous metals.



### Application

- Hot face lining of kiln
- Back up insulation of bricks and castable lining
- Back up lining of ladle cover
- Furnace door insulation
- Damper sheet

### Availability

Type	Grade (°C)	Size (T x W x L) mm	Density (kg/m <sup>3</sup> )	Packing
<b>Simvac MS</b>	1260	25 x 500 x 1000	415-500	6 pcs/Box Packing
<b>Simvac US</b>			720 min.	

Other size subject to minimum order requirement.