

# SIMWOOL BULK

## Product Description :

SIMWOOL Ceramic Fiber Bulk is made from high purity Alumina, Silica (and Zirconia) by electrical arc. It is resistant to chemical attack. Ceramic fibers are loose, long and flexible with high refractory properties.

## Characteristics :

- Excellent thermal and chemical stability
- Excellent thermal shock resistance
- Resilient up to high temperatures
- Light weight, low heat storage capacity
- Low thermal conductivity
- Excellent sound absorber
- Asbestos free

## Applications :

- Raw material of secondary ceramic fiber products e.g. blanket, paper, board
- Expansion joint seal
- Temporary repair of insulation
- Loose filling for insulation of complex spaces and areas where access is difficult.



## Technical Index :

Classification Temperature (°C)	1260	1425
Melting Point (°C)	1760	
Colour	White	
Fiber Diameter (µm)	2.5 ~ 4	
Non Fibrous content by wt. (%)	30 Max.	
Chemical Composition (%)		
Al <sub>2</sub> O <sub>3</sub>	42-47	30-34
SiO <sub>2</sub>	53-58	48-55
ZrO <sub>2</sub>	-----	13-18
Other	Traces	Traces
Packing (kg/bag)	15	

All data represents typical results of standard tests conducted under controlled conditions. As such, the information is intended only as a general guide for specifications and design estimates.