

# SIMWOOL MODULE

## Product Description :

SIMWOOL Ceramic Fiber Module is made from SIMWOOL ceramic fiber blanket folded under compression to form folded module and/or pre-cut blanket stack-bonded to form a veneer module with cut edges exposed.

## Characteristics :

- Low thermal conductivity
- Great mechanical strength
- Resistant to gas flow erosion
- Short heating & cooling time
- Resistant to thermal shock
- Flexible and easy to cut and install
- Asbestos free

## Applications :

- Iron and Steel reheating furnace
- Multi and single stack coil annealing furnace
- Transfer ladle lids
- Continuous annealing and coat ducting furnaces, roll furnace
- Petrochemical : Reformers, Ductwork pyrolysis heaters
- Ceramic : Shuttle Kiln, Tunnel Kiln, Kiln cars
- Utilities : Waste heat recovery units, Combustion Chambers, Boiler ductwork



## Technical Index :

Classification Temperature (°C)	1260	1425
Colour	White	
Fiber Diameter (µm)	2.5 ~ 4	
Non Fibrous content by wt. (%)	30 Max.	
Theoretical Density (kg/m³)	128,160,192	
Chemical Composition (%)		
Al <sub>2</sub> O <sub>3</sub>	43-47	30-34
SiO <sub>2</sub>	53-58	48-55
ZrO <sub>2</sub>	-----	13-18
Other	Traces	Traces
Module size (mm)*	150 x 305 x 305 175 x 305 x 305 200 x 305 x 305 225 x 305 x 305 250 x 305 x 305 275 x 305 x 305 305 x 305 x 305	

\* Other sizes available on special order.

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.