

## Simwool Module

Simwool modules are made from high quality needled blanket, which can be used at high temperature insulation. In the Layered construction ceramic fiber blanket and board, anchors lye out to hot face temperature. This is the scenario in which Simwool Module Systems finds application where insulation of higher thickness is must and anchors are to be protected from high hot face temperature

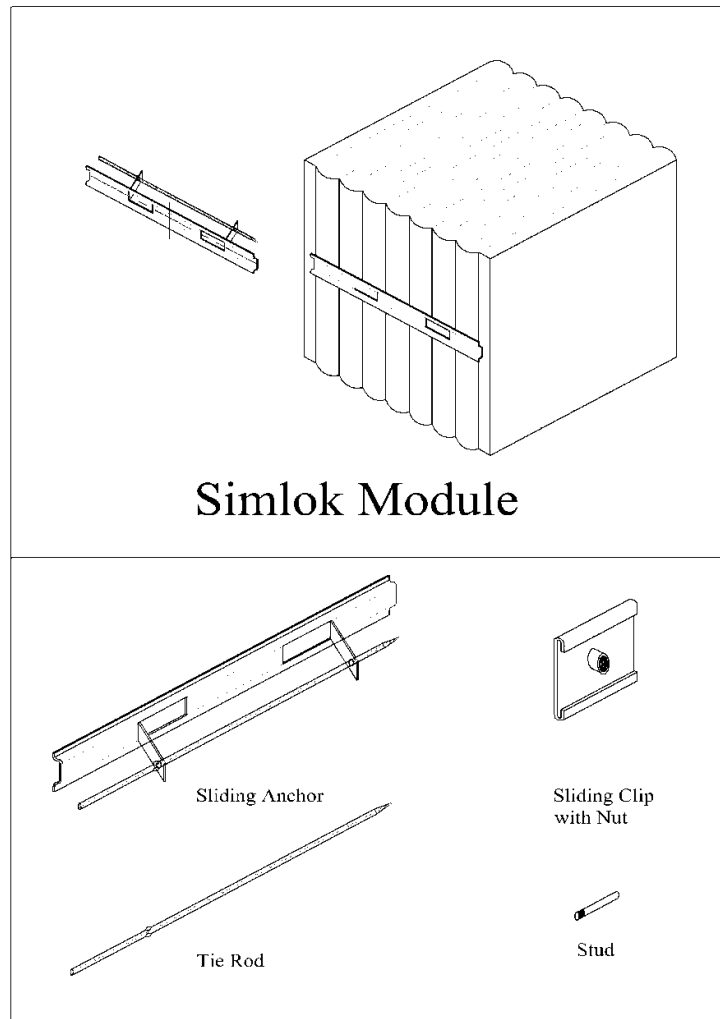
### Types

We manufacture five types of Simwool module based on various anchoring system and their application wise to get better performance for high temperature insulation area. Which are...

- **Simlok Module**
- **Simmax Module**
- **Simcor Module**
- **Simbond Module**
- **Veener Module**

### Simlok Module

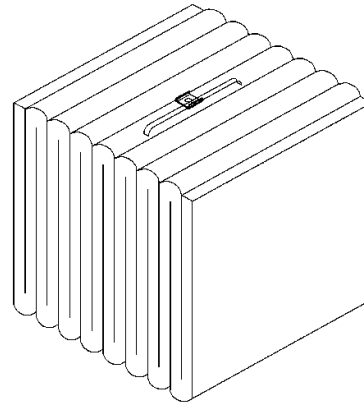
Simlok Module is sliding type module which is manufactured from continuous strip of Simwool blanket, folded in to U shape and compressed to final density of minimum 192 kg/m<sup>3</sup>. It is supported with the help of strapping channel and centre rod passing through all the folds. SS-304 and 310 type channel has better buckling strength at an elevated temperature. SS 304/310 box type clip ensures large contact area between channel and clip. This combination ensures positive anchoring without any braking down.



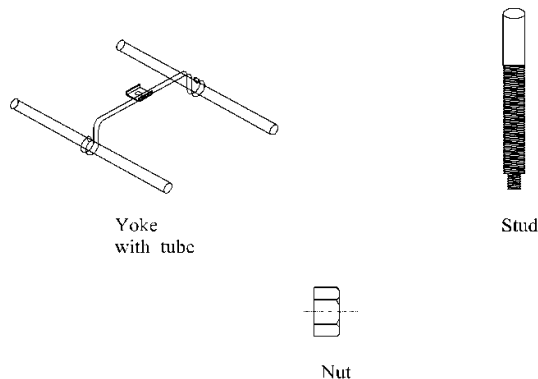
## Simmax Module

Simmax Module is a folded module which is made from pre compressed folded Simwool fiber blanket. Its anchoring system is different other modules. The anchor hardware consists of an internal yoke in the centre of the module and two support tubes. Internal anchor hardware is made of SS-304/310. As characteristics of Simmax module,

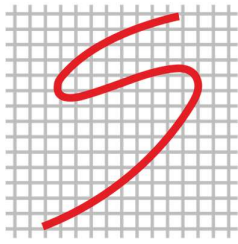
- It is light weight.
- Low thermal conductivity
- High temperature insulation material
- Easily install on the shell through self locking nut and bolt
- If found any one damage module can be easily replace without disturbing the neighbour lining
- Maintenance of lining is very easy
- It can be install parquet as well as straight line (solder pattern)
- Easily cut shaped as require



Simmax Module



Anchor Details



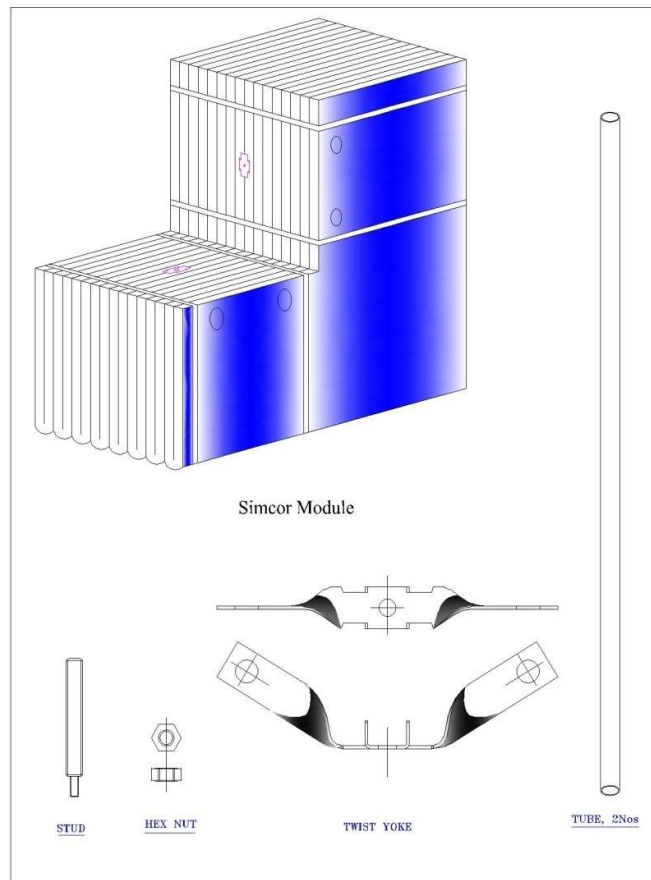
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## Simcor Module

Simcor Module is a type of corner module which is made from pre compressed single U fold of simwool blanket and cut into special shape to go into furnace opening or around corner while maintaining specific density and combined all folds through yoke anchoring system. Features are same as well as Simmax Module.



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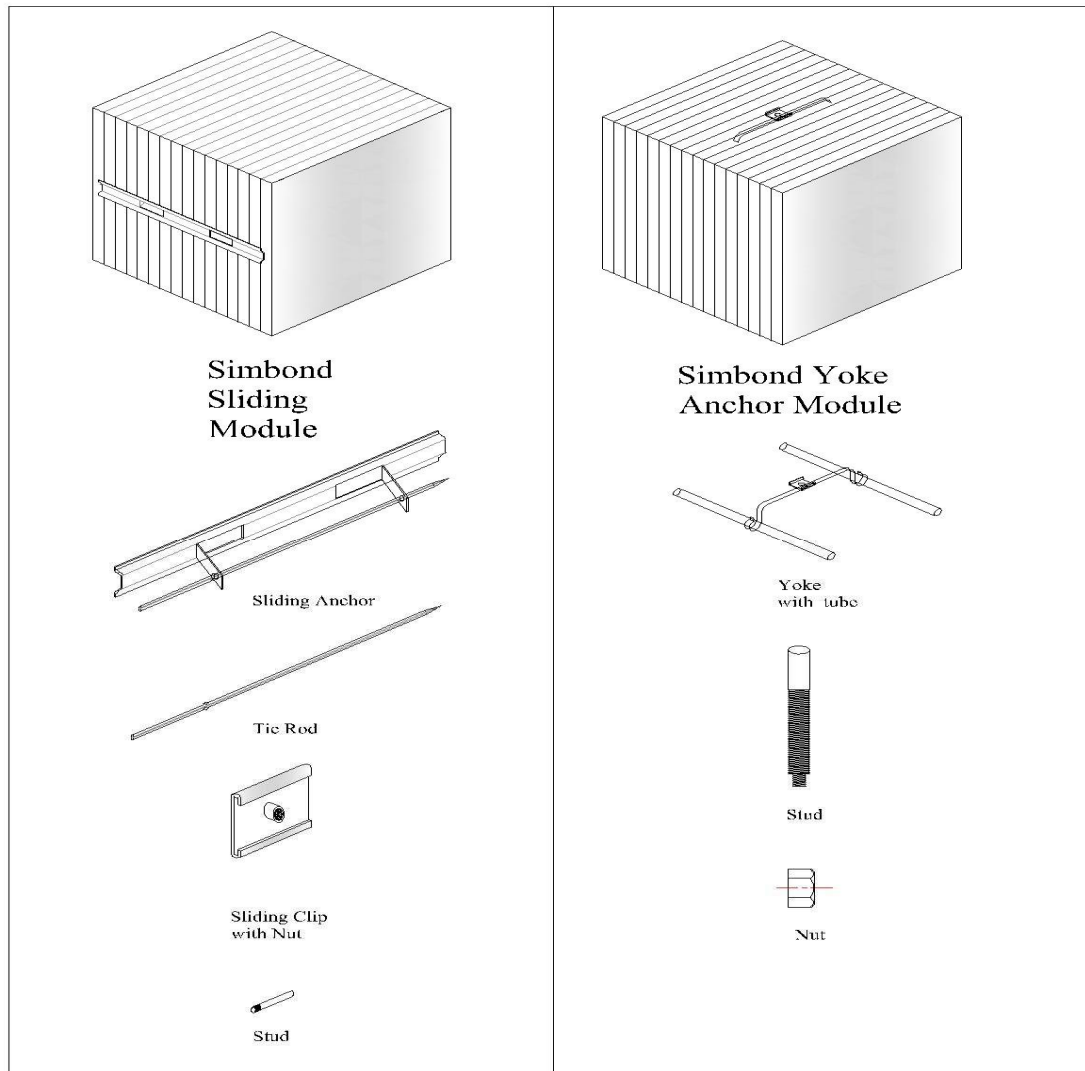
Plot No.2643/44, 11 Kranti Gate, Main Road No.13, Lodhika Industrial Estate, G.I.D.C. Metoda, Rajkot - 360021, Gujarat, India. Phone: 02827-287906/907, E-Mail: [info@simondfibertech.com](mailto:info@simondfibertech.com)

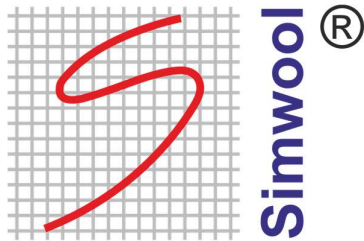
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## Simbond Module

We are manufacturing Simbond Module to improve this modular system to get a smooth surface of hot face lining where heat can flow without any obstruction. As result, heat leakage probability may be decrease and enhance life span of the insulation. It is made from multiple single pieces sizing pre compressed simwool blanket combined through Sliding and yoke anchoring system. Its anchor system rest at the cold face where temperature does not exceed up to 800°C for high temperature insulation.

- Low thermal conductivity ,Light weight, Easy to install and remove
- Smooth hot face surface, Maintain exact require density at the application area
- For having greater elasticity, easily compressed and hardens on firing leads to resistant to mechanical shocks.



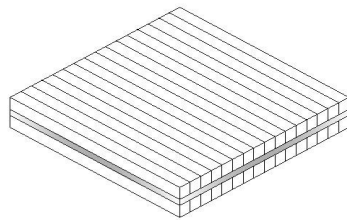


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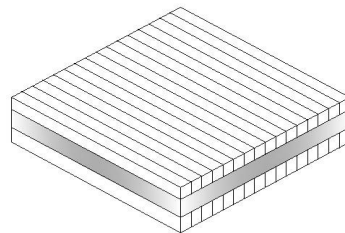
## Veneer Module

Simond Fibertech Limited is manufacturing Veneer module as a fast solution of existing refractory and bricks lining to protect the heat loss without any removal of lining. It is a ceramic fiber block which can be place through veneer mortar over the existing refractory and bricks lining. Veneer module made from compressed multiple simwool blankets strip which provides the advantage of an edge grain configuration. As characteristics

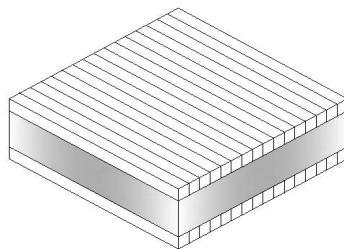
- It is light weight
- Low thermal conductivity
- Provide a valuable fuel saving at less cost
- Reduce heat loss
- Reduce temperature on the parent refractory lining and increase their life
- Easily cut and install



Veneer Module  
50 mm x 300 x 300



Veneer Module  
75 mm x 300 x 300



Veneer Module  
100 mm x 300 x 300

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## Standard Product chart

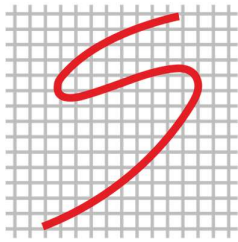
Product Name	Grade (°C)	Nominal module density (kg/m <sup>3</sup> )	Size (T x W x L) mm	Anchor Type	Anchor Grade	Anchor Qty (Nos)	Accessories	LDPE Packing	Box Packing
Simlok module	1260/1425	128/160/192/240	125 x 305 x 305	Sliding	SS-304/310/316	1	Clip with nut & Stud	Each module	10 pcs Each Box
			150 x 305 x 305	Sliding		1	Clip with nut & Stud		08 pcs Each Box
			175 x 305 x 305	Sliding		1	Clip with nut & Stud		06 pcs Each Box
			200 x 305 x 305	Sliding		1	Clip with nut & Stud		06 pcs Each Box
			225 x 305 x 305	Sliding		1	Clip with nut & Stud		04 pcs Each Box
			250 x 305 x 305	Sliding		1	Clip with nut & Stud		04 pcs Each Box
			275 x 305 x 305	Sliding		1	Clip with nut & Stud		04 pcs Each Box
			305 x 305 x 305	Sliding		1	Clip with nut & Stud		04 pcs Each Box
Simmax module	1260/1425	128/160/192/240	125 x 305 x 305	Yoke, tube	SS-304/310/316	1	Stud & Nut	Each module	10 pcs Each Box
			150 x 305 x 305	Yoke, tube		1	Stud & Nut		08 pcs Each Box
			175 x 305 x 305	Yoke, tube		1	Stud & Nut		06 pcs Each Box
			200 x 305 x 305	Yoke, tube		1	Stud & Nut		06 pcs Each Box
			225 x 305 x 305	Yoke, tube		1	Stud & Nut		04 pcs Each Box
			250 x 305 x 305	Yoke, tube		1	Stud & Nut		04 pcs Each Box
			275 x 305 x 305	Yoke, tube		1	Stud & Nut		04 pcs Each Box
			305 x 305 x 305	Yoke, tube		1	Stud & Nut		04 pcs Each Box

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Product Name	Grade (°C)	Nominal module density (kg/m <sup>3</sup> )	Size (T x W x L) mm	Anchor Type	Anchor Grade	Anchor Qty (Nos)	Accessories	LDPE Packing	Box Packing
Simcor module	1260/1425	128/160/192/240	As per Applicable size	Yoke, tube	SS-304/310/316	2	Stud & Nut	Each Module	Depends on size
Simbond module	1260/1425	128/160/192/240	125 x 305 x 305	Sliding/yoke, tube	SS-304/310/316	1	Clip with nut & Stud/ stud & Nut	Each Module	10 pcs Each Box
			150 x 305 x 305			1			08 pcs Each Box
			175 x 305 x 305			1			06 pcs Each Box
			200 x 305 x 305			1			06 pcs Each Box
			225 x 305 x 305			1			04 pcs Each Box
			250 x 305 x 305			1			04 pcs Each Box
			275 x 305 x 305			1			04 pcs Each Box
			305 x 305 x 305			1			04 pcs Each Box
Veneer module	1425	128/160	50 x 305 x 305	Without anchor	---	---	Veneering mortar	Each Module	08 pcs Each Box
			75 x 305 x 305						06 pcs Each Box
			100 x 305 x 305						04 pcs Each Box
Simwool module	1260/1425	128/160/192/240	125 x 305 x 305	Without anchor	---	---	---	Each Module	10 pcs Each Box
			150 x 305 x 305						08 pcs Each Box
			175 x 305 x 305						06 pcs Each Box
			200 x 305 x 305						06 pcs Each Box
			225 x 305 x 305						04 pcs Each Box
			250 x 305 x 305						04 pcs Each Box
			275 x 305 x 305						04 pcs Each Box
			305 x 305 x 305						04 pcs Each Box



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## Application

- 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, Duct-work pyrolysis heaters
- Ceramic: Shuttle kiln, Tunnel Kiln, Kiln Cars
- Utilities: Waste heat recovery units, Combustion chambers, Boiler ductwork

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