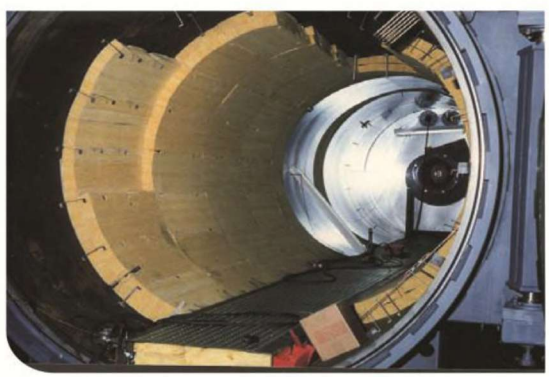
Product Properties

Property	Performance	Standard
Maximum Service Temperature Melting Temperature	750°C. Outer foil temperature limited to 80°C 1150 °C	ASTM C411
Fire Classification	Non- Combustible	ASTM E136
Reaction to Fire	Surface burning characteristics: Flame spread=passed, Smoke Development= passed	ASTM E84
Water absorption	Water repellant Moisture sorption < 1 % by weight	ASTM C1104
Rigidity	Semi- Rigi and Rigid	ASTM C1101
Shot content	< 25 % by weight	ASTM C612
Fungi Growth	Does not encourage fungi growth	ASTM C665
Corrosion Effect	Ph7 or slightly Alkaline	ASTM C692-77
Compression resistance	15 to 40 Kpa at 10% deformation	ASTM C165-07
Chloride Content	Comply with the stain less steel corrosion specification	ASTM C871-77

Thermal Conductivity

GlassRock Boards main feature is the low thermal conductivity values confirming to ASTM C177/C-518

Mean Temp. in °C	K-Value in w/m k					
	D - 40	D - 50	D - 70	D - 100	D - 120	D - 140
50	0.041	0.040	0.038	0.037	0.037	0.037
100	0.053	0.050	0.045	0.044	0.043	0.043
150	0.068	0.066	0.053	0.051	0.049	0.048
200	0.082	0.080	0.063	0.061	0.058	0.057
250	0.107	0.105	0.079	0.072	0.070	0.069
300	0.110	0.110	0.092	0.084	0.080	0.078



Packaging & Storage:

GlassRock Boards are supplied in shrink wrapped polyethylene and must be stored in the original packaging, protected from the weather and off the ground, in case of getting wet it can be dried and used without changes to its prperties.

Durability:

GlassRock Boards are odourless, nonhygroscopic, rot proof, does not sustain vermin or encourage the fungi growth, mould or bacteria.

Environmental:

GlassRock Boards are free from CFCs, HCFCs and any other material with ozone depletion potential so it's environment friendly product.



GlassRock Insulation Company S.A.E

TIBA IMPORT & TRADING

8 Ahmed El-Zomor St. - Nasr City - Cairo
0224735331 0224735348
Mob : 01148448483 - 01156772277
info@tibainsualtion.com

Rock wool



Description

Rock wool boards insulation are manufactured from non- combustible, inorganic volcanic basalt rocks that's melted and processed to a resin bonded fibers then shaped to boards confirming to ASTM C-612 and equivalent to BS 3958 part 5.

Application

Used for general thermal, acoustic insulation and fire protection applications such as :

- Walling and partitioning
- Boilers, ovens and furnaces
- Industrial noise
- Sandwich panels
- Façade and external Walls
- Cryogenic and cold Boxes
- Tanks walls and Roofs
- Prefabricated houses and caravans
- Roofing and flooring
- Cinema and studios
- Fire rating doors
- Marine applications

Density in Kg/m³	Dimension in mm		Facing	Thickness in mm
	Length	Width		
35 to 200	1200	600	None, Kraft Paper, FSK Vinyl, BGT or BGF	30 to 200





