Rock wool



GlassRock Blankets

Description

Rock wool blankets insulation are manufactured from molten volcanic basalt rocks and lightly bonded with Thermosetting resin and complying with ASTM C553 and EN13162.

Application

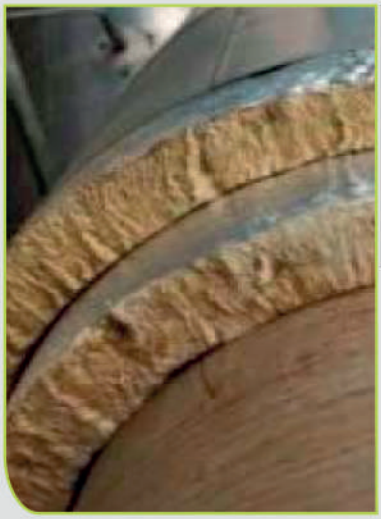
Used for general thermal, acoustic insulation and fire protection applications such as :

- Domestic hot and cold pipes.
- Steel structures and hangers.
- Small diameters Pipes.
- HVAC Duct works.
- Walling and partitioning.
- Prefab. Houses and caravans.
- Boilers, ovens and furnaces.
- Household applications.
- Automotive industry.

Density in Kg/m³	Dimension in mm		Facing	Thickness in mm
	Length	Width		
35 to 80	6000 8000 12000 15000	1000	None, Kraft Paper, FSK Vinyl, BGT or BGF	30 to 120







Product Properties

Property	Performance	Standard
Maximum Service Temperature Melting Temperature	400°C. Outer foil temperature limited to 80°C 1150 °C	ASTM C411
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- Rigid	ASTM C1101
Shot content	< 25 % by weight	ASTM C 612
Fungi Growth	Does not encourage fungi growth	ASTM C 665
Corrosion Effect	Ph7 or slightly Alkaline	ASTM C 692-77
NRC	0.95 to 1.05	ASTM C 023
Chloride Content	Comply with the stainless steel corrosion specification	ASTM C 871-77

Thermal Conductivity

GlassRock Felts shows a low thermal conductivity values confirming to ASTM C177/C-518

Mean Temp. in °C	K-Value in w/m k					
	D - 35	D - 40	D - 50	D - 60	D - 70	D - 80
50	0.040	0.039	0.038	0.038	0.038	0.038
100	0.049	0.047	0.047	0.046	0.045	0.044
150	0.059	0.058	0.058	0.056	0.053	0.052
200	0.078	0.071	0.069	0.067	0.065	0.063
250	0.095	0.089	0.086	0.081	0.079	0.077



Packaging & Storage:

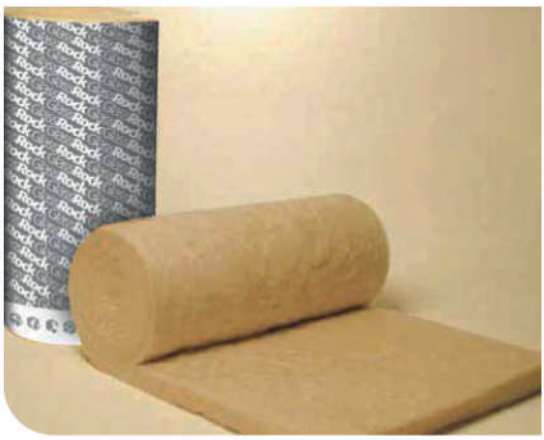
GlassRock Blankets are supplied in shrink wrapped polyethylene and must be stored in the Original packaging, protected from the weather and off the ground, in case of getting wet it can be dried and used without changes to its prperties.

Durability:

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

Environmental:

GlassRock Blankets 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

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