Glass wool



GlassRock Building blankets

Description

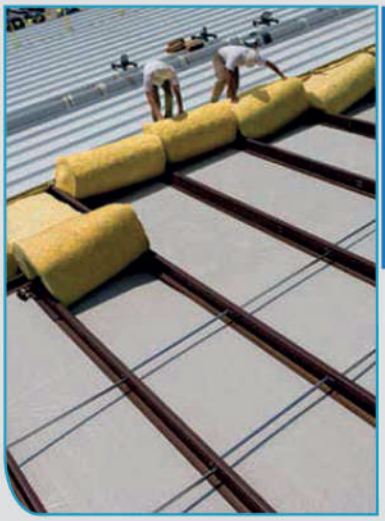
Glass wool building blankets are manufactured in accordance with ASTM C553 & EN13162 from fine and stable fibers bonded with thermosetting resin and formed into blankets, they are not proof and free from shot due to its mineral composition.

Application

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

- Walling and partitioning
- Cryogenic & cold boxes
- Generators canopies
- Prefabricated houses and caravans
- Steel structures and hangers
- Poultry farms
- Home Appliances
- Suspended ceiling
- Automotive industry
- HVAC Duct works

Density in Kg/m³	Dimension in mm		Facing	Thickness in mm
	Length	Width		
13 to 48	10.000 15.000 18.000 20.000	1000 1200	None, FSK, Vinyl, BGT ASJ, ALUGLASS or BGF	25 to 100







Product Properties

Property	Performance	Standard
Maximum Service Temperature	450°C.	ASTM C411
Reaction to Fire	A1	EN13501
Combustiblity	Non-combustible	ASTM E 84
Rigidity	Semi- Rigid	ASTM C1101
Shot content	Free of shot	ASTM C 612
Fungi Growth	Does not encourage fungi growth	ASTM C 665
Corrosion Effect	Chemically inert	ASTM C 692-77
NRC Value	0.75 to 1.05	ASTM C 423
Moisture absorption	less than 0.2% by volume	ASTM C 533

Thermal Resistance (R Value)
GlassRock building blankets nominal thermal resistance confirming to ASTM C518

THICKNESS (mm)	THERMAL RESISTANCE (m²K/W) AT 25°C MEAN TEMPERATURE					
	13	16	18	20	24	32
25	0.610	0.641	0.658	0.694	0.714	0.765
40	0.976	1.026	1.053	1.111	1.143	1.214
50	1.220	1.282	1.316	1.389	1.429	1.490
75	1.829	1.923	1.974	2.083	2.143	2.210
90	2.195	2.308	2.368	2.500	2.571	2.642
100	2.439	2.564	2.632	2.778	2.857	2.928



Packaging & Storage:
GlassRock building balnkets 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 building blankets are odourless, nonhygroscopic, rat proof, does not sustain vermin or encourage the fungi growth, mould or bacteria.

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



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