



GlassRock
Insulation Company S.A.E

GlassRock Stone wool Boards SWB-UF70



GlassRock® Stone wool Boards insulation are manufactured from non- combustible inorganic volcanic basalt rocks, that is melted and processed to a resin bonded fibers, then shaped to boards confirming to ASTM C 612 and equivalent to EN 13162.

Application:

Used for Thermal And Acoustic, Insulation And fire protection For Walls & Facades

Description	Stone Wool Boards	EN 13162
Density in Kg/m ³	70 Kg/m ³	EN 1602
Thermal Conductivity	0.035 λ (W/mK)	EN 12667
Thickness in mm	50-200 mm	(T4) EN 823
Dimensions in mm	1200X600 mm	EN 822
Deviation from squareness in mm	< 5 mm	EN 824
Deviation from flatness in mm	< 6 mm	EN 825
Noise Reduction Coefficient (NRC)	0.95 To 1.05	ASTM C 423-90a
Maximum Service Temperature	450° C	ASTM C 447
Reaction to fire, euroclass	A1	EN 13501-1+41: 2009
Water absorbtion during short term immersion	W.A < 1 %	EN 1609
Water absorbtion during Long term immersion	W.A (P) < 3 %	EN 12087
Water vapour transmission	MU1	EN 12086

Thermal Resistance EN 12667

Thickness in mm	50	60	70	80	90	100	120	130	150	160	175	180	200
R M ² * K/W	1.43	1.71	2.00	2.29	2.57	2.86	3.43	3.71	4.29	4.57	5.00	5.14	5.71