

# ROOFBOARD

**Material:** Saudi Rockwool Roof Board

**No #:** SRW-RB

The product is made from molten basalt rocks spun to fine fibers and bonded with thermosetting Binder to form rigid Rockwool slabs.

The Material has good thermal, fire resistant, and acoustical properties it complies with the requirements of ASTM C612 & C726 with the following specifications:

## DESCRIPTION

THICKNESS (MM)	DENSITY (KG/M <sup>3</sup> )	FACING	ASTM CLASSIFICATION
50 -150	120 -200	None or Aluminum foil /PE /Bitumen	Type IVA
<b>THERMAL CONDUCTIVITY (AT 24 °C) W/M. K</b>	0.036- 0.034		EN 12667:2001 ASTM C177
<b>MAX. USE TEMPERATURE</b>	750 ( °C )		ASTM C411
<b>RIGIDITY</b>	Rigid		ASTM C1101
<b>COLOR</b>	Yellowish		Visual
<b>COMPRESSIVE RESISTANCE AT 10 % DEFORMATION (KPA)</b>	15 - 80		ASTMC165
<b>SHOT CONTENT</b>	<25 % (weight %)		ASTM C612
<b>CORROSIVENESS</b>	Noncorrosive		ASTM C871 ASTM C795
<b>WATER VAPOR SORPTION</b>	<1 (Weight %)		ASTM C1104
<b>PH</b>	7-9		BS 2972 SEC 22
<b>FLAME SPREAD INDEX</b>	0		ASTM E84
<b>SMOKE DEVELOPED</b>	0		ASTM E84
<b>FUNGI RESISTANCE</b>	Does not encourage Fungi Growth		ASTM C665
<b>EURO CLASS FIRE CLASSIFICATION</b>	A1		EN ISO 13501-1
<b>NOISE REDUCTION COEFFICIENT (NRC)</b>	1		ASTM C423

### Saudi Rockwool Factory

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