

# DUCTBOARD

**Material:** Saudi Rockwool Duct Board

**No #:** SRW-DB

Saudi Rockwool Duct Board is high quality insulation, designed to insulate HVAC Ducts used for the distribution of air. The product is made from natural molten basalt rocks spun to fine fibers and slightly bonded with heat resistant binder and faced with reflective water retarder aluminum foil from one side forming insulating board. The Material has good thermal; and acoustical properties it complies with the requirements of ASTM C612& ASTM C1290, with the following specifications:

## DESCRIPTION

THICKNESS (MM)	DENSITY (KG/M <sup>3</sup> )	FACING	ASTM CLASSIFICATION
(25- 100)	35 - 160	None or Aluminum Foil FSK or O class	Type III
<b>HERMAL CONDUCTIVITY MAX AT 24 (°C)</b>	0.38 – 0.034		EN 12667:2001 ASTM C518
<b>MAX. USE TEMPERATURE, (°C)</b>	650		ASTM C411
<b>COLOR</b>	Yellow		Visual
<b>SHOT CONTENT, (WEIGHT %)</b>	<25		ASTM C612
<b>RIGIDITY</b>	Semi rigid- Rigid		ASTM C1101/C1101M
<b>CORROSIVENESS</b>	Noncorrosive		ASTM C 871 ASTM C795
<b>WATER VAPOR SORPTION</b>	<1 (Weight %)		ASTM C1104
<b>WATER VAPOR RESISTANCE M<sup>2</sup>HPA/MG</b>	Z >3		ASTM E96
<b>PH</b>	8-9		BS2972 SEC 22
<b>FIRE RATING (INTEGRITY )</b>	30mints - 2hr		EN 1363-1 Part 1
<b>FLAME SPREAD INDEX</b>	0		ASTM E84
<b>SMOKE DEVELOPED</b>	0		ASTM E84
<b>COMBUSTIBILITY</b>	Noncombustible		EN ISO 1182
<b>FUNGI RESISTANCE</b>	Does not encourage Fungi Growth		ASTM C665
<b>NOISE REDUCTION COEFFICIENT (NRC)</b>	0.65 to 1		ASTM C423

### Saudi Rockwool Factory

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