

ACOUSTIC PANELS

Material: Saudi Rockwool Acoustic Panels

No #: SRW-AP

The product is made out of 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 with the following specifications:

DESCRIPTION

THICKNESS (MM)	DENSITY (KG/M ³)	FACING	ASTM CLASSIFICATION
25 - 200	35 -128	None , BFG ,WOBFG	Type IVA
THERMAL CONDUCTIVITY (AT 24 °C) W/M.K	0.038 – 0.034		EN 12667:2001 ASTM C177
MAX. USE TEMPERATURE	750 (°C)		ASTM C411
RIGIDITY	Rigid / Semi Rigid		ASTM C1101
COLOR	Yellowish		Visual
COMPRESSIVE RESISTANCE AT 10 % DEFORMATION (KPA)	2 - 20		ASTMC165
SHOT CONTENT	<25 % (weight %)		ASTM C612
CORROSIVENESS	Noncorrosive		ASTM C871 ASTM C795
WATER VAPOR SORPTION	<1 (Weight %)		ASTM C1104
PH	8-9		BS 2972 SEC 22
FLAME SPREAD INDEX	0		ASTM E84
SMOKE DEVELOPED	0		ASTM E84
FUNGI RESISTANCE	Does not encourage Fungi Growth		ASTM C665
EURO CLASS FIRE CLASSIFICATION	A1		EN ISO 13501-1
NOISE REDUCTION COEFFICIENT (NRC)	0.65 -1.1		ASTM C423

Saudi Rockwool Factory

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