

# LD BLANKET

**Material:** Saudi Rockwool LD Blanket

**No #:** SRW. Felt-ALU

The product is made from molten basalt rocks spun to fine fibers and slightly bonded with thermosetting binder forming flexible roll. Insulation is faced with reflective vapor retarder Aluminum foil to prevent moisture penetration.

The Material has good thermal and acoustical properties it complies with the requirements of the technical standard ASTM C665 with the following specifications:

## DESCRIPTION

THICKNESS (MM)	DENSITY (KG/M <sup>3</sup> )	FACING	ASTM CLASSIFICATION
25 - 100	35 -70	Aluminum Foil	Type III
<b>THERMAL CONDUCTIVITY (W/MK) (AT 24 °C)</b>		0.036- 0.034	EN 12667:2001
<b>MAX. USE TEMPERATURE, (°C)</b>	650		ASTM C411
<b>COLOR</b>	Yellowish		Visual
<b>SHOT CONTENT, (WEIGHT %)</b>	<25		ASTM C612
<b>RIGIDITY</b>	Flexible		ASTM C1101/C1101M
<b>CORROSIVENESS</b>	Noncorrosive		ASTM C871 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		BS 2972 SEC 22
<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 - 1		ASTM C423

### Saudi Rockwool Factory

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