

PRODUCT DATA SHEET

INSULATION MATTRESS

PRODUCT NAME	ROCKWOOL MATTRESS
MANUFACTURING SPECIFICATION	BS3958 Part 3 & ASTM C592-97
BASE MATERIAL	BASALTIC ROCK MIX
PHYSICAL	WIRE MESH BACKED FIBROUS MATTRESS
BINDER	PHENOL BASED THERMOSETTING BINDER
BINDER CONTENT	± 1%
EFFECTIVE FIBRE DIAMETER	± 6 µm
THERMAL CONDUCTIVITY (35°C)	0.036 W/mK
RECOMMENDED OPERATING TEMPERATURE	< 750°C
FIRE CLASSIFICATION	NON COMBUSTIBLE
MASS DENSITY CLASSIFICATION	± 15%
DIMENTIONAL TOLERANCE	< 5%
TOTAL SHOT CONTENT	± 30%
PACKAGING	SHRINKED WRAPPED POLYETHYLENE PACKAGING

INSULATION BOARDS

PRODUCT NAME	ROCKWOOL BATT / BOARD
MANUFACTURING SPECIFICATION	BS3958 Part 5 & ASTM C612-93
BASE MATERIAL	BASALTIC ROCK MIX
PHYSICAL	SEMI RIGID FIBROUS BOARD
BINDER	PHENOL BASED THERMOSETTING BINDER
BINDER CONTENT	± 2.5%
EFFECTIVE FIBRE DIAMETER	± 6 µm
THERMAL CONDUCTIVITY (35°C)	0.036 W/mK
RECOMMENDED OPERATING TEMPERATURE	< 750°C
FIRE CLASSIFICATION	NON COMBUSTIBLE
MASS DENSITY CLASSIFICATION	± 15%
DIMENTIONAL TOLERANCE	< 5%
TOTAL SHOT CONTENT	± 30%
PACKAGING	POLYETHYLENE BAGS

PRODUCT DATA SHEET

INSULATION LOOSE WOOL

PRODUCT NAME	ROCKWOOL LOOSE WOOL
MANUFACTURING SPECIFICATION	BS3958
BASE MATERIAL	BASALTIC ROCK MIX
PHYSICAL	LOOSE ROCKWOOL FIBRE
BINDER	UNRESINATED
BINDER CONTENT	NONE
EFFECTIVE FIBRE DIAMETER	$\pm 6 \mu\text{m}$
THERMAL CONDUCTIVITY (35°C)	0.032 W/mK
RECOMMENDED OPERATING TEMPERATURE	< 750°C (> - 200°C)
FIRE CLASSIFICATION	NON COMBUSTIBLE
MASS DENSITY CLASSIFICATION	N/A
DIMENTIONAL TOLERANCE	N/A
TOTAL SHOT CONTENT	$\pm 30\%$
PACKAGING	POLYETHYLENE BAGS