

ProRox
Industrial Insulation

Product Catalogue

General Product Information

ROCKWOOL stone wool products are made of basalt, a volcanic stone.

ROCKWOOL stone wool products are non-combustible with a melting point of approximately 1000°C. They are particularly suitable for thermal insulation, fire protection and sound reduction/absorption.

ROCKWOOL stone wool is inorganic and contains no nutritious substance. Therefore it will not be attacked by microorganisms. Stone wool will not rot and does not attract vermin.

No CFCs, HFCs, HCFCs or asbestos are used in the manufacture of ROCKWOOL stone wool products.



Standard Range

Thickness mm	Length mm	Width mm
50	5000	600
75	2500	600

Applications

ProRox BL 938^{SA} is a Blanket type product used in thermal insulation of non-vibrating industrial equipment's where temperatures can be up to 350 deg Celsius.

Advantages

- Ease of use
- Flexible Application

Compliance

ProRox BL 938^{SA} Blanket comply with the requirements as set by internationally recognized standards like ASTM C553 Type I, II and III.

Product properties

	Performance						Standard
	Mean Temp (°C)	50	100	150			
Thermal Conductivity	λ (W/mK)	0.039	0.047	0.057			ASTM C177
Nominal Density		60 kg/m ³					EN 1602
Maximum Service Temperature		350°C					ASTM C411/C447
Linear Shrinkage		Less than 2% (at max service temperature)					ASTM C356
Reaction to Fire		EuroClass A1					EN 13501-1
		Surface burning characteristics; Flame spread = passed, Smoke development = passed					ASTM E84
pH		pH 7-12.5					ASTM C871
Chloride Content		Less than 10 ppm					ASTM C871
		Conforms to the stainless steel corrosion specification as per ASTM C795					ASTM C692/C871
Moisture Absorption		Less than 1% weight					ASTM C1104/C1104M
Water Absorption		Less than 1 kg/m ²					EN 1609

■ Distribution by



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7/1 ซอยเพชรเกษม 108 แยก 9 กองกำลังพลุ แขวงบางมด กทม. 10160

T. 02 808 2147-9

M. 086 785 9255



Standard Range

Thickness mm	Length mm	Width mm
50	5000	600
75	2500	600

Applications

ProRox BL 958^{SA} is a flexible stone wool Blanket. It is suitable for the thermal insulation of nonvibrating industrial equipment's where temperatures can be up to 450 deg Celsius.

Compliance

ProRox BL 958^{SA} Blanket comply with the requirements as set by internationally recognized standards like ASTM C553 Type I, II, III and IV.

Advantages

- Suitable up to intermediate temperature
- Ease of use & Flexible application

Product properties

	Performance						Standard
	Mean Temp [°C]	50	100	150	200	250	
Thermal Conductivity	λ (W/mK)	0.039	0.046	0.054	0.064	0.075	ASTM C177
Nominal Density	80 kg/m ³						EN 1602
Maximum Service Temperature	450°C						ASTM C411/C447
Linear Shrinkage	Less than 2% (at max service temperature)						ASTM C356
Reaction to Fire	EuroClass A1						EN 13501-1 ASTM E84
	Surface burning characteristics; Flame spread=passed, Smoke development=passed						
pH	pH 7-12.5						ASTM C871
Chloride Content	Less than 10 ppm						ASTM C871 ASTM C692/C871
	Conforms to the stainless steel corrosion specification as per ASTM C795						
Moisture Absorption	Less than 1% weight						ASTM C1104/C1104M
Water Absorption	Less than 1 kg/m ²						EN 1609

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Standard Range

Thickness mm	Length mm	Width mm
50	5000	600
75	2500	600

Applications

ProRox BL 960^{SA} is a Blanket type product used in thermal insulation of non-vibrating industrial equipment's where temperatures can be up to 650 deg Celsius.

Advantages

- Resistance to high temperatures
- Ease of use & Flexible application

Compliance

ProRox BL 960^{SA} Blanket comply with the requirements as set by internationally recognized standards like ASTM C553 Type I, II, III, IV, V, VI and VII.

Product properties

	Performance							Standard
	Mean Temp (°C)	50	100	150	200	250	300	
Thermal Conductivity								ASTM C177
	λ (W/mK)	0.041	0.049	0.057	0.066	0.074	0.83	
Nominal Density	100 kg/m ³							EN 1602
Maximum Service Temperature	650°C							ASTM C411/C447
Linear Shrinkage	Less than 2% (at max service temperature)							ASTM C356
Reaction to Fire	EuroClass A1							EN 13501-1 ASTM E84
	Surface burning characteristics; Flame spread = passed, Smoke development = passed							
pH	pH 7-12.5							ASTM C871
Chloride Content	Less than 10 ppm							ASTM C871 ASTM C692/C871
	Conforms to the stainless steel corrosion specification as per ASTM C795							
Moisture Absorption	Less than 1% weight							ASTM C1104/C1104M
Water Absorption	Less than 1 kg/m ²							EN 1609

■ Distribution by



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