

ROCKDUCT Hi-Temp ProRox® BL 938(40)ALU^{SA}



ProRox BL 938(40)ALU^{SA} is a blanket with aluminum foil one side product used in thermal insulation of non-vibrating industrial equipment's where temperatures can be up to 540 deg Celcius. It is easy to install for kitchen duct and exhaust duct.

Product properties

Properties	Performance				Standard
Thermal Conductivity	T _m (°C)	50	100	150	ASTM C177
	λ (W/mK)	0.036	0.045	0.057	
Dimension	7500 mm. X 1200 mm.				
Thickness	50 mm.				
Nominal Density	40 kg/m ³				ASTM C167
Maximum Service Temperature	540 °C				ASTM C411/C447
Linear Shrinkage	Less than 2% (at max service temperature)				ASTM C356
Reaction to Fire	EuroClass A1 Surface burning characteristics; Flame spread = passed, Smoke development = passed				EN 13501-1 ASTM E84
Chloride Content	Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795				ASTM C871 ASTM C692/C871
Moisture Absorption	Less than 1% weight				ASTM C1104/ C1104M
Water Absorption	Less than 1 kg/m ²				EN 1609

Note: All information and data for technical parameters are based on laboratory testing.

Compliance

- ProRox BL 938(40)ALU^{SA} Blanket comply with the requirements as set by internationally recognized standards like ASTM C553 Type I, II and III.

As ROCKWOOL has no control over insulation design and workmanship, accessory materials or applications conditions, ROCKWOOL does not warranty the performance or result of any installation containing ROCKWOOL products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. ROCKWOOL Technical Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.

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