

# ProRox® SL 960<sup>NA</sup>



Old name: ROXUL RHT® 80

## Product description & application

ProRox® SL 960<sup>NA</sup> is a rigid mineral wool (stone wool) insulation board for high temperature industrial applications subject to light mechanical loads.

## Product properties in accordance with ASTM C612

	Performance								Norms
<b>Thermal conductivity</b>	T <sub>m</sub> (°F)	100	200	300	400	500	600	700	ASTM C177
	λ (BTU.in/hr.ft².°F)	0.24	0.29	0.35	0.41	0.47	0.56	0.68	
	T <sub>m</sub> (°C)	38	93	149	204	280	316	371	
	λ (W/mK)	0.034	0.041	0.049	0.057	0.066	0.078	0.095	
<b>Maximum Service Temperature</b>	Hot Surface Performance: 1200 °F- (650 °C)								ASTM C411
	Non-Combustible								ASTM E136 / CAN4 S114
	Linear Shrinkage: ≤ 1 % at 1200 °F- (650 °C)								ASTM C356
<b>Reaction to fire</b>	Surface burning characteristics Flame spread index = 0 ; Smoke development index = 0								ASTM E84 (UL 723) CAN/ULC S102
<b>Density</b>	Actual Density = 5.8 lb/ft³ - (93 kg/m³) Nominal Density = 8.0 lb/ft³								ASTM C303
<b>Corrosion resistance **</b>	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel = Passed Corrosion of Steel = Passed								ASTM C692 ASTM C665
<b>Chemical Analysis **</b>	[Salts: Cl <sup>-</sup> , F <sup>-</sup> , Na <sup>+</sup> , SiO <sub>4</sub> <sup>4-</sup> ] Results fall within acceptability limits of ASTM C795								ASTM C795 / ASTM C871
<b>Thermal Resistance</b>	R-Value / inch @ 75 °F RSI value / 25.4mm @ 24 °C				4.2 hr. ft².°F/BTU 0.74 m² K/W				ASTM C518 (C177)
<b>Water Absorption/ Vapor Sorption</b>	< 1 % Weight								ASTM C1104
<b>Compressive strength</b>	≥ 167psf (8kPa) @ 10% compression								ASTM C165
<b>Compliance</b>	Complies with Type: IVB								ASTM C612
ROXUL offers a wide range of facings, dimensions and thicknesses. Please contact ROXUL for further information.									

Surface Burning Characteristics: UL Listed to Canadian standard CAN/ULC S102 ; UL Classified to UL 723

NOTE: \*\* Provisions for lot testing may be required, consult manufacturer.

As ROXUL® Inc has no control over installation design and workmanship, accessory materials or application conditions, ROXUL® Inc. does not warranty the performance or results of any installation containing ROXUL® Inc's products. ROXUL® Inc's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

©/TM: US - owner Rockwool International A/S used under license; Canada - owner Roxul Inc.

