

# ProRox® SL 430<sup>NA</sup>

ProRox® SL 430<sup>NA</sup> is a semi rigid mineral wool (stone wool) insulation board that can be fabricated into high temperature industrial pipe and tank wrap.



## Product properties in accordance with ASTM C612

Properties	Performance						Norms
Thermal conductivity	$T_m$ (°F)	75	100	300	500	700	ASTM C177
	$\lambda$ (BTU.in/hr.ft <sup>2</sup> .°F)	0.24	0.26	0.35	0.49	0.71	
	$T_m$ (°C)	24	38	149	260	371	
	$\lambda$ (W/mK)	0.035	0.037	0.050	0.070	0.103	
Maximum Service Temperature	Hot Surface Performance: 1200°F- (650°C) Non-Combustible Linear Shrinkage: 0.35 % at 1200 °F- (650 °C)						ASTM C411 ASTM E136 / CAN4 S114 ASTM C356
Reaction to fire	Surface burning characteristics Flame spread index = 0 ; Smoke development index = 0						ASTM E84 (UL 723) CAN/ULC S102
Density	Actual Density = 3.5 lb/ft <sup>3</sup> - (56 kg/m <sup>3</sup> )						ASTM C303
Corrosion resistance**	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel = Passed Corrosion of Steel = Passed						ASTM C692 ASTM C665
Chemical Analysis**	(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
Thermal Resistance	R-Value / inch @ 75°F			4.1 hr. ft <sup>2</sup> .°F/BTU			ASTM C518 (C177)
	RSI value / 25.4mm @ 24°C			0.72 m <sup>2</sup> K/W			
Water Absorption/ Vapor Sorption	< 1 % Weight						ASTM C1104
Compressive strength	71psf (3.4kPa) @ 10 % compression						ASTM C165
Compliance	Complies with Type: IVA						ASTM C612
ROCKWOOL Technical Insulation offers a wide range of facings, dimensions and thicknesses. Please contact us for further information.							

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

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



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