

ProRox® SL 430^{NA}

**NEW
 PRODUCT**

Product description & application

ProRox® SL 430^{NA} 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

	Performance							Norms
Thermal conductivity	T _m [°F]	75	100	300	500	700		ASTM C177
	λ (BTU.in/hr.ft ² .°F)	0.24	0.26	0.35	0.49	0.71		
	T _m [°C]	24	38	149	260	371		
	λ (W/mK)	0.035	0.037	0.050	0.070	0.103		
Maximum Service Temperature	Hot Surface Performance: 1200 °F- (650 °C)							ASTM C411
	Non-Combustible							ASTM E136 / CAN4 S114
	Linear Shrinkage: 0.35 % at 1200 °F- (650 °C)							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 ³ - (56 kg/m ³)							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 ⁻ , F ⁻ , Na ⁺ , SiO ₄ ⁴⁻] Results fall within acceptability limits of ASTM C795							ASTM C795 / ASTM C871
Thermal Resistance	R-Value / inch @ 75 °F			4.1 hr. ft ² .°F/BTU			ASTM C518 (C177)	
	RSI value / 25.4mm @ 24 °C			0.72 m ² 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
	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.

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