

ProRox® SL 430^{NA}

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

Properties	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) 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 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
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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