

ProRox® SL 760^{NA}

**NEW
 PRODUCT**

Product description & application

ProRox® SL 760^{NA} is a semi-rigid mineral wool (stone wool) multi-purpose acoustic insulation board that can be fabricated for use in light weight panel applications.

Product properties in accordance with ASTM C612

	Performance								Norms
Thermal conductivity	T _m (°F)	75	100	200	300				ASTM C177
	λ (BTU.in/hr.ft ² .°F)	0.24	0.26	0.31	0.35				
	T _m (°C)	24	38	93	149				
	λ (W/mK)	0.035	0.037	0.045	0.050				
Maximum Service Temperature	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
Reaction to fire	Surface burning characteristics Flame spread index = 0 ; Smoke development index = 0								ASTM E84 (UL 723) CAN/ULC S102
Density	Actual Density = 3.0 lb/ft ³ - (48 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
Acoustical Performance	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC	ASTM C423	
	coefficients at 2"	0.28	0.6	1.09	1.09	1.05	1.07		0.95
	coefficients at 4"	0.86	1.11	1.2	1.07	1.08	1.07		1.1
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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