

ProRox® FSL 930^{NA}



Old name: ROXUL RHT® 40 FLEX

Product description & application

ProRox® FSL 930^{NA} is a flexible mineral wool (stone wool) thermal insulation board for intermediate to high temperature industrial applications.

Product properties in accordance with ASTM C553

	Performance							Norms
Thermal conductivity	T _m [°F]	100	200	300	400	500	600	ASTM C177
	λ [BTU.in/hr.ft².°F]	0.26	0.32	0.39	0.51	0.63	0.78	
	T _m [°C]	38	93	150	204	260	316	
	λ [W/mK]	0.037	0.046	0.056	0.074	0.091	0.112	
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 = 3.5 lb/ft³ - (56 kg/m³) Nominal Density = 4.0 lb/ft³							ASTM C167
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 (C871)
Thermal Resistance	R-Value / inch @ 75 °F			4.0 hr. ft².°F/BTU				ASTM C518 (C177)
	RSI value / 25.4mm @ 24 °C			0.71 m² K/W				
Water Absorption/ Vapor Sorption	< 1 % Weight							ASTM C1104
Compliance	Complies with Type: VII							ASTM C553
	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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