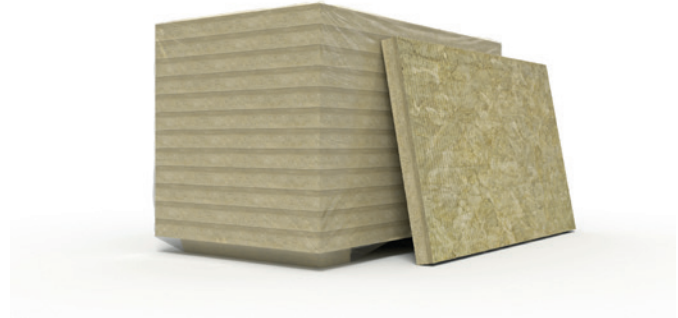


# SeaRox® FSL 618<sup>NA</sup>

SeaRox® FSL 618<sup>NA</sup> is a flexible mineral wool (stone wool) insulation board approved for fire protection in marine installations. Common application areas for SeaRox® FSL 618<sup>NA</sup> are decks and bulkheads requiring up to A-60 rating.



## Product properties in accordance with ASTM C553

Properties	Performance		Norms
Thermal conductivity	$T_m$ (°F)	75	100
	$\lambda$ (BTU.in/hr.ft <sup>2</sup> .°F)	0.24	0.26
	$T_m$ (°C)	25	38
	$\lambda$ (W/mK)	0.034	0.037
Maximum Service Temperature	Hot Surface Performance: 1200°F- (650°C) Non-Combustible		ASTM C411 ASTM E136 / CAN4 S114
	Linear Shrinkage: $\leq 1\%$ 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 = 6 lb/ft <sup>3</sup> - (96 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 RSI value / 25.4mm @ 24°C	4.1 hr. ft <sup>2</sup> .°F/BTU 0.72 m <sup>2</sup> K/W	ASTM C518 (C177)
Water Absorption/ Vapor Sorption	< 1 % Weight		ASTM C1104/1104M
Compliance	Complies with Type: VII		ASTM C553

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.

Approval Type	US Coast Guard Certificate of Approval	Transport Canada Certificate of Approval	Lloyds Register Certificate of Approval
A-60 Class Steel BulkHead	164.107/16/0	LRTC 0000061	SAS F150085
A-60 Class Steel Deck	164.107/17/0	LRTC 0000060	SAS F150084
Non-Combustibility	164.109/26/0	LRTC 0000063	SAS F150087
Marine Foil Facing	164.112/142/0		

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



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