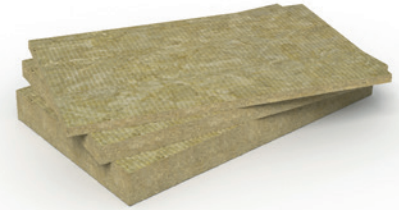


SeaRox® SL 648^{NA}

SeaRox® SL 648^{NA} is a heavy-weight pressure resistant mineral wool (stone wool) insulation board approved for fire protection in marine installations, and subject to light mechanical loads. Common application areas for SeaRox® SL 648^{NA} are decks and bulkheads requiring up to A-60 rating.



Product properties in accordance with ASTM C612

Properties	Performance		Norms
Thermal conductivity	T _m (°F)	75	100
	λ (BTU.in/hr.ft².°F)	0.24	0.26
	T _m (°C)	25	38
	λ (W/mK)	0.034	0.037
Maximum Service Temperature	Hot Surface Performance: 1200°F- (650°C)		ASTM C411
	Non-Combustible		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 = 8 lb/ft³ - (128 kg/m³)		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 RSI value / 25.4mm @ 24°C	4.1 hr. ft².°F/BTU 0.72 m² K/W	ASTM C518 (C177)
Water Absorption/ Vapor Sorption	< 1 % Weight		ASTM C1104/1104M
Compliance	Complies with Type: IVB		ASTM C612
ROCKWOOL Technical Insulation offers reinforced foil facing and a wide range of 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		
A-60 Class Steel Deck	164.107/17/0		
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



As ROXUL® Inc has no control over installation design and workmanship, accessory materials or application conditions, ROXUL® Inc. does not warranty the performance or results of any installation containing ROXUL® Inc's products. ROXUL® Inc's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

®/TM: US - owner ROCKWOOL International A/S used under license; Canada - owner Roxul Inc.