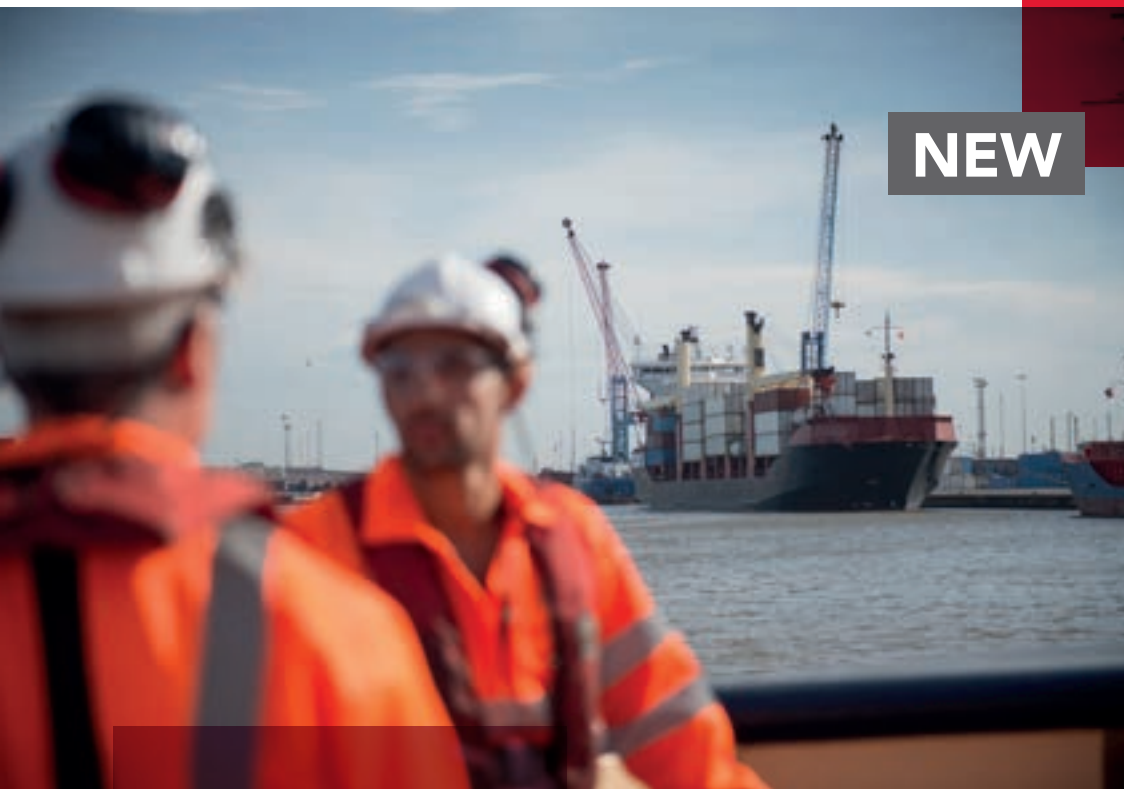


NEW SeaRox SL 620: improved acoustic performance and highest fire safety

Thin stone wool solutions for a healthy,
comfortable and safe environment on board



NEW



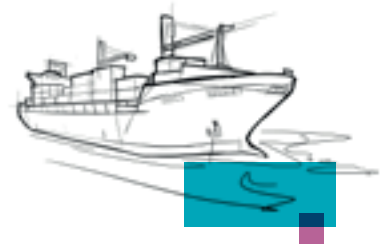
We now offer you a superior set of standard solutions with thin insulation thicknesses, improved acoustic performance and the highest fire safety according to IMO 2010 FTP Code. This improves comfort on board as well as convenience of installation on steel plate and stiffeners, without compromising on fire safety. All solutions are based on improved **SeaRox SL 620**.

How did we succeed in thinning down the SeaRox SL 620 slab within the A-Class fire division for marine and offshore applications? Simple, by improving our stone wool based fiber technology and production process.

This resulted in thin SeaRox SL 620 stone wool constructions that offer **the best possible protection for fire** (IMO 2010 FTP Code part 3) combined with **excellent acoustical performance** (ISO 10140-2 and ISO 717-1).

As such, our new slabs help you create a healthy, comfortable and safe environment in all (temperature) conditions. On board and offshore. For all crew and passengers.

SeaRox SL 620: designed to your benefit



A new range of A-rated steel constructions packed with operational advantages:

- Thin stone wool standard solutions for steel bulkhead and deck, fulfilling with highest level of safety
- Highest fire safety according to IMO 2010 FTP Code part 3
- Improved acoustic performance in compliance with ISO 10140-2 and ISO 717-1
- Cost competitive standard solutions
- Updated certificates from major classification bodies available
- Future proof solution – no limitation in renewal of certificates
- All major constructions covered with a limited number of variations – 1 product, 4 dimensions
- Limited stock needed
- Specification texts ready for use
- Low water absorption, maintaining thermal performance and mitigating the effects of corrosion under insulation

New SeaRox SL 620 construction overview:

STANDARD SOLUTIONS

IMO
2010
FTP Code

Fire Class	Design	Products	Thickness (mm)	Density (kg/m ³)	Weight (kg/m ²)	Thermal conductivity (W/mK) at 10°C mean temp	U-value plate product (W/m ² K)	Weighted sound absorption (plate product)	Weighted sound reduction Rw (dB)
Steel bulkhead									
A15 Bulkhead	Slab	Plate: SeaRox SL 620	50	100	3.0	0.034	0.68	0.85	
		Stiffener: No insulation							
A30 Bulkhead	Slab	Plate: SeaRox SL 620	40	100	3.4	0.034	0.85	0.80	48
		Stiffener: SeaRox SL 620	25	100					
A60 Bulkhead	Slab	Plate: SeaRox SL 620	60	100	4.6	0.034	0.57	0.90	48
		Stiffener: SeaRox SL 620	25	100					
A60 Bulkhead restricted	Slab	Plate: SeaRox SL 620	40	100	3.4	0.034	0.85	0.80	48
		Stiffener: SeaRox SL 620	25	100					
Steel deck									
A15 Deck	Slab	Plate: SeaRox SL 620	50	100	3.0	0.034	0.68	0.85	
		Stiffener: No insulation							
A30 Deck	Slab	Plate: SeaRox SL 620	25	100	2.5	0.034	1.36		47
		Stiffener: SeaRox SL 620	25	100					
A60 Deck	Slab	Plate: SeaRox SL 620	40	100	3.4	0.034	0.85	0.80	48
		Stiffener: SeaRox SL 620	25	100					

Estimated weight based on 1 m² insulation split: 60% steel plate, 40% stiffener insulation.
Acoustic measurements are performed according to ISO 10140-2 and ISO 717 on 6 mm steel plate.

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