

SeaRox® FB 6000 range

The SeaRox FB (Fire Board) 6000 range consists initially of the SeaRox FB 6020, SeaRox FB 6040 and SeaRox FB 6050. This is a unique range of low weight Fire Boards for the marine and offshore market. SeaRox Fire Boards can be supplied with reinforced alu foil on one side.

Application

SeaRox Fire Boards are used for A-15, A-30 and A-60 class Bulkhead and Deck steel constructions. They are suitable in areas where low weight plays an important role like onboard e.g. passenger ships, naval ships and offshore supply vessels. All solutions for A-15, A-30 and A-60 divisions have been tested and approved according to IMO 2010 FTP code.



Product properties

Properties	Performance		Norm
Thermal conductivity	T (°C)	10	EN 12667
	λ (W/mK)	0,034	
Nominal density	SeaRox FB 6020	40 kg/m ³	EN 1602 / IMO
	SeaRox FB 6040	60 kg/m ³	
	SeaRox FB 6050	70 kg/m ³	
Compressive strength	-		EN 826
Fire classification	Non-combustible Approved for A constructions Low flame-Spread Properties		IMO 2010 FTPC
Water absorption (short term)	< 1 kg/m ²		EN 1609
Max. application temperature	Facing 80°C		-
Sound absorption directly mounted	SeaRox FB 6020, 70 mm: $\alpha_w = 0.95$ SeaRox FB 6040, 70 mm: $\alpha_w = 0.90$ SeaRox FB 6050, 30 mm: $\alpha_w = 0.55$		ISO 354 (approximated)
Facings (on request)	Reinforced alu foil		IMO 2010 FTPC (low flame - spread)

Advantages

- Lightest stone wool solutions for A-rated steel divisions
- Excellent thermal and acoustic properties
- Lowest water absorption
- Easy handling and installation
- Tested according to the latest fire test procedure, IMO 2010 FTP Code

Standard dimensions:

SeaRox FB 6020 - Thickness: 70 mm

SeaRox FB 6040 - Thickness: 35 and 70 mm

SeaRox FB 6050 - Thickness: 30 mm

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