



### KUIPER PROTECT WAROTEC B15

**DIMENSION: 244 X 122 CM**

**DENSITY: 200 KG/M3 - LIGHTWEIGHT**

**THICKNESS: 15 MM**

**FIRE RESISTANT / NON-COMBUSTIBLE**

KUIPERTEC B15 is a bulkhead with B15-approval consisting of glass fibre reinforced silicate foam. Despite of only 3 kg/sqm area weight and a thickness of 15 mm KUIPERTEC B15 fulfills the requirements of IMO FTPC Part 3-IMO A.754(18).

Currently KUIPERTEC B15 is the lightest non combustible bulkhead material with B15 approval on the entire shipbuilding market. According to EN 45545-3 this material can also be used for bulkheads in railcar building.

#### Advantages:

- non combustible (B15-approval)
- high rigidity despite low weight
- very good insulation performance
- coatable
- easy processing
- groove & tongue jointing

#### Applications:

- bulkheads
- air ducts
- covers / blinds
- pipe coverings
- furniture
- formed components
- moulded parts

Properties	Value	Norm
Density	approx. 200 kg/m <sup>3</sup> (plain board)	
Area weight	approx. 3 kg/m <sup>2</sup> (plain board)	
Standard dimensions	2440 x 1220 mm	
Thickness	15 mm	
Fire classes	ship building railcar building	<ul style="list-style-type: none"> <li>IMO FTPC Part 3-IMO A. 754(18) → B15</li> <li>EN 45545-3 → E15, E30, EW 30</li> </ul>
Heat conductivity	$\lambda = 0,039 \text{ W/mK}$	DIN EN 12667
Noise damping	$R_{w,air} = \text{ca. } 24 \text{ db}$	
Flexural modulus	900 N/mm <sup>2</sup>	EN 310
Screw-tear-out-force	4 mm multi purpose screw 30 kg → breakage with HPL on one side	company-owned test laboratory

