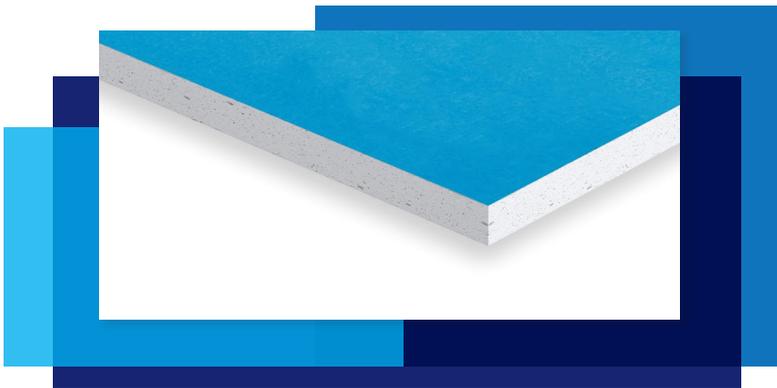




PLURATECT® MARINE LIGHT

The largest lightweight fire protection board for marine applications



Product description

PLURATECT® MARINE LIGHT is a versatile, lightweight, non-combustible fire protection board ideal for installation and applications in the marine market for Band C Class divisions.

Properties

- Smooth and consistent surface
- Suitable for bonding laminates using PU and hot melt adhesives
- High ductility withstanding high deformations
- Easy to process and install
- 100% recyclable

TECHNICAL DATA

Colour	White core with Promat Blue finish		
Surface conditions	Smooth		
Nominal density (tolerances)	kg/m ³	500 (±10%)	
Reaction to fire	Non-combustible according to MED certificates module B and D - ask to Promat for more information		
Class divisions	mm	B15 Bulkhead 19	C 12.5 19
Panels joint	Solid Spline		Solid Spline, "C"-Spline or Omega-Spline
Thermal conductivity	W/mK	0.25	
Compressive resistance	MPa	>2.4	
Young Modulus (MD) (EN 15283-1)	MPa	1500	
Bending strength (MD) (EN 15283-1)	MPa	5.5	
Alkalinity - Surface - Core	pH	6 / 8.4	

ACOUSTIC PROPERTIES

Thickness	mm	19	19+19 (+10mm air gap)
Rw Index (ISO 717/1)	dB	27 ⁽¹⁾	36

⁽¹⁾See ISO 10140/2 curve on page 2

STANDARD DIMENSIONS

Thickness (tolerances)	mm	12.5; 19	(+/- 0.3)
Length (tolerances)	mm	2500 2800 3050	(+/- 0.5)
Width (tolerances)	mm	1220	(+/- 0.4)

Workability

PLURATECT® MARINE LIGHT can be cut using normal cutting tools or by using circular blades. When bonded with HPL specific blades must be used. During cutting operations use personal protective equipment.

Waste disposal

Refer to local legislation. If not available: The board is not classified as a dangerous substance and so no special provisions are required regarding the carriage and disposal of the product to landfill.

Storage

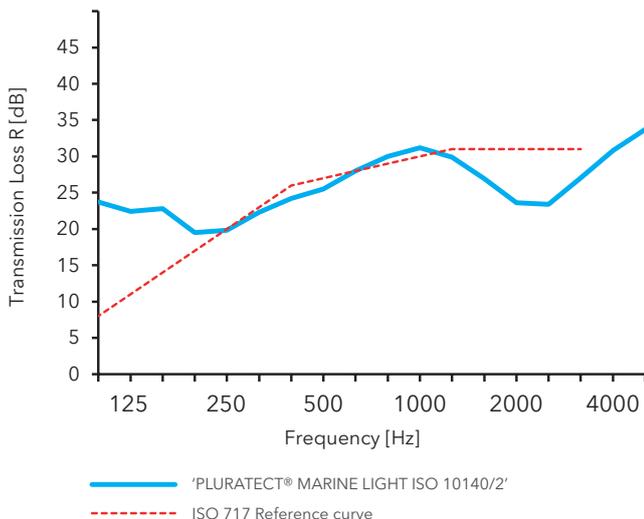
Store on a flat surface, in a dry area

Areas of application

- B and C Class constructions
- Fire-rated linings and bulkheads
- Public areas, standard and luxury cabins
- Non-combustible furniture

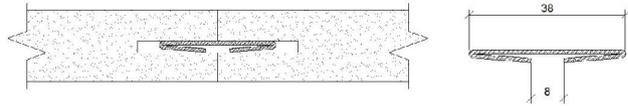
Acoustic properties

19mm, $R_w=28$ [dB]

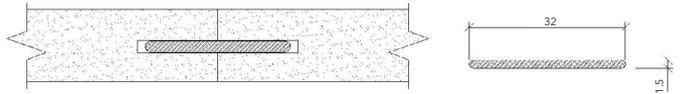


Class divisions - joint drawings

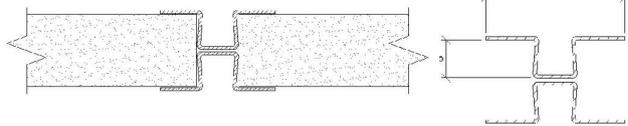
"C" spline



Solid spline



Omega joint



All specified technical data are mean values from the production which are subject to the usual fluctuations and do not represent guaranteed properties in the sense of a guarantee. All information corresponds to the current state of the art and has been presented and described to the best of our knowledge. Changes due to new findings are possible, errors and misprints are not excluded. With regard to any liability, our delivery and payment terms apply exclusively. Request safety datasheet. With the publication of this edition, all previously published datasheets are invalid. © Copyright Etex NV, Brussels, Belgium. All rights reserved. 2022-11

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