



WAROfoam Classic Train *the light structural and carrier panel*

Product description

WAROfoam is a fire resistant and light construction panel.

Composition

Depending on the thickness WAROfoam consists of several layer of glass fiber reinforced phenolic resin foam.

Quality

In the standard quality the surfaces are produced so that they are coatable and glueable. Alternatively, aluminum concealment or an HPL coating layer can be applied. A part from raw panel material it is also possible to fabricate project related 3-D mouldings.

Processing

The formatting and processing can be done on normal wood processing machines with a suitable ventilation and suction. The construction panel can be glued with different coating materials (e.g. aluminum, steel, laminated panels etc.) or can be furnished with a coat of paint. Further information on request.

Areas of application / References

WAROfoam is primarily used for the interior design in the railcar and ship building sector for the self-supporting and isolated air duct construction, as well as lightweight construction walls and ceilings.

Stock and transport regulations

Our extended information is applicable, which you can find in a separate document called „Regulations for storage and internal transports“.

Remarks

Before the use of this product the specific properties of the project and conditions of application are to be checked by the client itself. The test values listed here are determined by fixed specifications and are to be understood as a guideline, but not as an assurance. The customer is fully responsible for the suitability and the properties of our product under the conditions of usage chosen by the customer.

Technical data	
Material	Phenolic resin, reinforced with glass fiber
Density [kg/m ³]	approx. 210 <i>others on request</i>
Thickness [mm]	2,6/3/4/5/6/8/10/12/15
Thickness tolerance, max. [mm]	+/- 0.3
Length, max. [mm]	2640
Width, max. [mm]	1220
Surface quality	Uncoated
Surface weight [Kg/m ²] on 10 mm	approx. 2.0
Flexural module [N/mm ²]	900
Tensile strength [N/mm ²]	1
Thermal conductivity λ [W/mK] with 210 Kg/m ³	0.042
Fire class DIN 5510-2 EN 45545-2	Flame Retardant S4, ST2, SR2, FED = < 1.0 HL2 (R1)