



WARO®foam NC Train

the non-combustible light structural construction panel

Product description

WARO®foam NC is a light and non-combustible structural construction panel.

Composition

This structural panel consists of a beige, non-combustible core made out of silicate foam with a vapour barrier on each side consisting of a fire resistant phenolic resin foam, reinforced with glass fibre.

Quality

The surface is uncoated and can be concealed with a HPL-coating depending on the customer's wishes.

Processing

The manufacture and processing can be done on normal wood processing machines with a suitable ventilation and suction. The panel is to be protected against humidity through a suitable surface and edge sealing.

Areas of application / References

WARO®foam NC is primarily used as a non-combustible carrier panel for the construction of interior system solutions. Furthermore, WARO®foam NC is used in the production of light and non-combustible air ducts, mainly in the area of railcar and ship building, and represents an extremely light alternative compared to the traditional air ducts made out of steel or aluminum.

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 fibre
Material vapour barrier	Phenolic resin foam
Thickness [mm]	6/8/10/12/15/18/20
Thickness tolerance, max. [mm]	+/- 0.5
Length, max. [mm]	2460
Width, max. [mm]	1220
Surface quality	unsanded
Density [kg/m ³]	approx. 210
Thermal conductivity λ [W/mK]	0.039
Fire resistance	non-combustible
Acoustical absorption $R_{WA,Air}$ [db] with 8mm thickness	20
Fire class EN 45545-2	non-combustible R1: HL3