



WAROTEC®  
PARTITION WALLS



# WAROTEC® PARTITION WALLS

Through decades of experience, especially in railway industry and shipbuilding with their demanding, ever-increasing requirements, we have developed three different product lines of partition walls over time.

In addition to the WAROTEC® Classic partition wall for various areas of application, we also offer a light, sound-absorbing WAROTEC® B-18 partition wall with bulkhead for rail construction. Our latest innovation is the WAROTEC® B-15 partition wall. It is the lightest bulkhead on the market and with a low weight of only 3 kg per square meter along with a very high rigidity, it has also received approval according to B 15 for shipbuilding.

## ADVANTAGES

- coating and painting possible
- easy processing with woodworking machines
- easy to install
- lightweight
- very good insulating/sound absorbing properties
- bulkhead (non combustible & according to B 15)
- fire behavior tested according to EN 45 545-2/-3, DIN 5510-2 and GOST-Norm 12.1.044-89, as well as further examinations in European countries
- fulfills SOLAS/IMO Res. A 653 (16) + Res. MSC 61 (67) Annex 1, Part 5 as well as Res. A 799 (19), Part 1 (MED approvals for the carrier panels are available)



**DB** Mobility  
Networks  
Logistics

We are certified according to EN ISO 9001, Q1 supplier of Deutsche Bahn AG and possess the adhesive approval according to DIN 6701-2.

MED-approved shipbuilding materials are TÜV-certified and audited.



## CONSTRUCTIVE VARIATIONS

- surface claddings and coverings made of aluminium, HPL/CPL, GRP, foils, real wood veneers, plywood, mineral compound boards
- WAROTEC® Classic partition wall with different carrier materials made of aluminium- or paper combs, foams or light wood materials (e.g. Balsa)
- WAROTEC® B-15 partition wall made of inorganic light-weight foam with all low flame-spread surfaces up to 2,5 mm thickness
- WAROTEC® B-18 partition wall with inorganic carrier panel including a decorative surface on one side and stabilizing layer with sound absorption or else decorative on both sides with overall thickness of 20,4 mm
- WARO® Protect, the decorative edge protection for all WAROTEC® product lines against moisture and impacts, available also with add-on functions, e.g. drainage area edges

For customer-side processing, we refer explicitly to our recommendation for handling and processing.

This brochure as well as detailed technical data sheets can be found in the download area of our homepage at [www.rudolf-rost.de](http://www.rudolf-rost.de).



# REFERENCES

## For railway industry

Alstom

Bombardier Transportation

Deutsche Bahn

Siemens

Stadler



*interior train*

## For yacht- and shipbuilding

Blohm & Voss

Feadship

Fincantieri

Meyer Werft

Nobiskrug Werft

STX



*mega yachts*



*high-speed trains*



*metros*



**Rudolf Rost Sperrholz GmbH**

Lohe 4

25462 Rellingen

Germany

Phone 0049 (0)4101/59 39 - 0

Fax 0049 (0)4101/59 39 - 59

E-mail [info@rudolf-rost.de](mailto:info@rudolf-rost.de)

[www.rudolf-rost.de](http://www.rudolf-rost.de)