

REFERENCES

For railway industry

Alstom
Bombardier Transportation
Deutsche Bahn
Siemens
Solaris
Stadler
TRSC



high-speed trains



mega yachts and cruise ships



trams



urban trains

For yacht- and shipbuilding

Blohm & Voss
Feadship
Fincantieri
German Naval Yards
Meyer Werft
STX

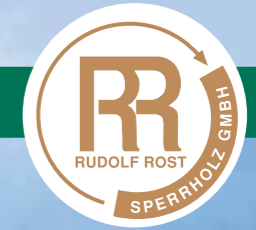


Rudolf Rost Sperrholz GmbH

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

www.rudolf-rost.de



WARO[®]foam

AIR DUCTS



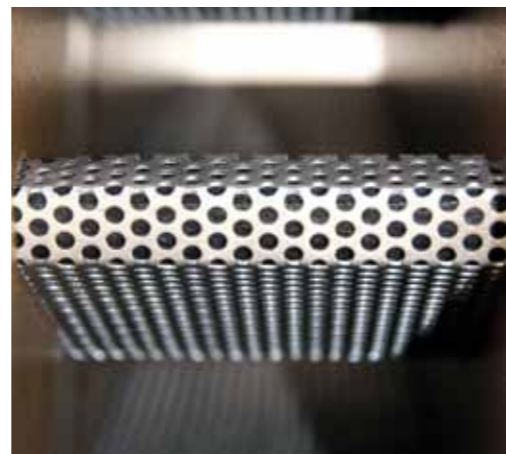
WARO®foam Classic & WARO®foam NC AIR DUCTS - „THE LOW WEIGHT VERSION“

The demands on air ducts have increased significantly in recent years, metallic materials do no longer meet the technical requirements of today.

WARO®foam air ducts are the light and economic solution, available as fire resistant with WARO®foam Classic (organic) or non combustible with WARO®foam NC (inorganic) and as the steel equivalent WAROTEC® B-15 design according to SOLAS II-2, Reg. 9.7.1.1. All variants have received the „Steering Wheel Approval“ and therefore comply with the requirements for use as air ducts in ocean ships.

CONSTRUCTIVE VARIATIONS

- segmented or as two- or three-dimensional form part
- walk-on design (heavy duty)
- various surface coatings
- ready for installation, including all assembly parts and service flaps
- airflow control by lids
- sound reduction through damper elements



ADVANTAGES

- fire resistant (with WARO®foam Classic) or non combustible (with WARO®foam NC and WAROTEC® B-15) with bulkhead function
- 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)
- very low weight (only about 10% of a conventional steel air duct and 30% of a conventional aluminum air duct)
- very good insulating/sound absorbing properties
- no need for a supplementary insulation of the outer faces
- easy repair of surface damages
- low weight constructions with small installation depth
- cost savings due to easy assembly
- in accordance with VDI 6022 Part 1 and unproblematic emissions of VOC and aldehydes
- easy to maintain

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.



We are certified in accordance with EN ISO 9001; International Railway Industry Standard (IRIS) cert, Q1 supplier of Deutsche Bahn AG. We have the adhesive approval according to DIN 6701-2. Patent No. 10 2007 037 137, free licences are available in agreement. MED-approved shipbuilding materials are TÜV-certified and audited.

