Certificate No: LR2513861TA
Issue Date: 04/02/2025
Expiry Date: 03/02/2030

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Armacell GmbH**
Address	Robert-Bosch-Str. 10, Muenster, 48153, Germany
Type	Thermal Insulation
Description	Flexible elastomeric foam with low flame spread, closed cell foam insulation based on synthetic rubber with covering made of fibre glass fabrics laminated with black coloured aluminium facing. Insulation tubes for pipes; -sheets for tanks, as well as glued and self-adhesive tape; Also available as foil made of fibre glass fabrics laminated with black coloured aluminium facing.
Trade Name	Arma-Check-Juna
Application	Insulation of pipework, fittings, air ducts, tanks etc. in small-scale refrigeration installations, industrial refrigeration and air-conditioning installations for marine and industrial purposes.
Specified Standard	EN13501-1, EN 12667, EN ISO 8497, EN 12086, EN 13469, EN 14706, EN 14707, IMO-Resolution A. 653 (16) IMO-FTPC, Part 5

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Torsten Schroeder

Engineering - Piping/ Decarbonisation -
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Ratings

Thermal conductivity :
0,033 resp. 0,036 (W/m x K) at 0°C depends on thickness
Water vapour diffusion resistance:
> 7000 resp. ≥ 10000 depends on thickness

Service temperature range : - 50°C to +110°C
Max. service temperature for the covering/foil: +550 °C

Thickness of the covering/foil: appr. 0,24 mm
Weight of the covering/foil: appr. 240 g/m^2

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document TSO/24-022890 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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