



Lloyd's
Register

CERTIFICATE OF FIRE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	Bijlard International
Address	Platinastraat 141 2718 SR Zoetermeer The Netherlands
Type	MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS & NOT CAPABLE OF PRODUCING EXCESSIVE QUANTITIES OF SMOKE & TOXIC PRODUCTS OF COMBUSTION
Description	Fire-Resisting Material - Type "Bijlard Spuitlijm (sprayable contact glue) Rood (Red)" or "Ankerweld Spuitlijm (sprayable contact glue) 2344R"
Specified Standard	IMO Res.MSC.61(67)-(FTP Code) Annex 1, Part 5 and Annex 2 IMO MSC/Circ.1120 IMO Res. MSC.307(88) - (2010 FTP Code) Section 8

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 8 January 2018 Expiry date 7 January 2023

Certificate No. SAS F180012/M1

Signed

Sheet No 1 of 2

Name

J. M. Evans

Surveyor to Lloyd's Register EMEA

A Member of the Lloyd's Register Group

Note:

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



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DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
1 February 2018	SOUTSO/SFS/TA/JE/WP31259940

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F180012/M1

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Warringtonfireagent, Holmesfield Road, Warrington, WA1 2DS, United Kingdom, Fire Test Report No. 14860 dated 28th March 2011.

CONDITIONS OF CERTIFICATION

1. Consisting of polypropylene rubber and resin based sprayable contact adhesive, applied at a maximum thickness of 0.15mm. Weight 100g/m²
2. Smoke and toxicity criteria is satisfied by meeting the total heat release (Qt) and peak heat release rate (qp) as stated in IMO Fire Test Procedures Code, Annex 2, Section 2.2
3. Composition of individual components to be maintained in production in accordance with originally tested composition formula
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype
5. Should a change of Place of Production from that declared at the application stage be required i.e. where the stages of manufacture/assembly testing of this product, the new Place of Production is to be advised to us prior to the change taking place



Jessica Evans
Senior Surveyor
Statutory Fire & Safety
Southampton Technical Support Office, Marine & Offshore
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).