



Marine & Offshore  
Division

Certificate number: 22995/B0 EC

File number: ACI 1000/242/004

Annex A1 Item number: A.1/3.18a

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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Notified Body 0062 - MARINE EQUIPMENT DIRECTIVE 96/98/EC

## EC TYPE EXAMINATION CERTIFICATE

as per Module B of European Union Council Directive 96/98/EC on marine equipment  
as amended by Commission Directive 2014/93/EU

*This certificate is issued to*

**SAINT-GOBAIN RAKENNUSTUOTTEET OY**

Hyvinkää - FINLAND

*for the type of product*

**SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD  
CHARACTERISTICS: DECORATIVE VENEERS**

Mineral wools KIM-AL (SC CRoll 20 Alu1), KT-AL (SC Roll 16 Alu1), KVM-20-AL (SC CWM 20 Alu1)

### Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, II-2/6, II-2/9, X/3

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7

IMO Res MSC.307(88) (2010 FTP Code)

IMO Res. MSC.61(67)-(FTP Code) Annex 1 Part 2 and Part 5, Annex 2 with IMO MSC.307(88) (2010 FTP Code) article 8

IMO MSC/Circ.1120

*This certificate is issued on behalf of the French Maritime Authorities to attest that BUREAU VERITAS did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Council Directive 96/98/EC of 20 December 1996 as amended.*


**This certificate will expire on: 16 Dec 2020**

For BUREAU VERITAS Notified Body 0062,

At BV HELSINKI, on 16 Dec 2015,

Tommy Andersson



**This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.**

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. BUREAU VERITAS is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarp.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=czf2jjntdr>

BV Mod. Ad.E 536 December 2014

This certificate consists of 3 page(s)

## THE SCHEDULE OF APPROVAL

### **1. PRODUCT DESCRIPTION:**

Faced glass wools :

Product	Description
KIM-AL (SC CRoll 20 Alu1)	Glass wool (density 22 kg/m <sup>3</sup> ), faced with a net-reinforced aluminium laminate (78.4 g/m <sup>2</sup> ) glued by PE adhesive (15 g/m <sup>2</sup> )
KT-AL (SC Roll 16 Alu1)	Glass wool (density 16 kg/m <sup>3</sup> ), faced with a net-reinforced aluminium laminate (78.4 g/m <sup>2</sup> ) glued by PE adhesive (15 g/m <sup>2</sup> )
KVM-20-AL (SC CWM 20 Alu1)	Glass wool (density 23 kg/m <sup>3</sup> ), faced with a net-reinforced aluminium laminate (78.4 g/m <sup>2</sup> ) glued by PE adhesive (15 g/m <sup>2</sup> ) and a steel wired mesh

### **2. DOCUMENTS AND DRAWINGS:**

Technical data sheets dated on 11/12/2015.

### **3. TEST REPORTS:**

3.1 - "KIM-AL" : test report N° VTT-S-3691-13, dated 4 June 2013, as per IMO 2010 FTP Code, Annex 1, Part 5 from VTT Expert Services Ltd, Finland

3.2 - "KT-AL" : test report N° VTT-S-8860-09, dated 30 November 2009 as per IMO FTP Code, Annex 1, Part 5 [testing standard: IMO Resolution A.653 (16)] from VTT Technical Research Centre, Finland

3.3 - "KT-AL" : Statement (for reduction of glue content) N° VTT-S-5169-14, dated 14 November 2014 from VTT Expert Services Ltd, Finland.

3.4 - "KVM-20-AL" : test report N° VTT-S-3692-13, dated 4 June 2013, as per IMO 2010 FTP Code, Annex 1, Part 5 from VTT Expert Services Ltd, Finland

### **4. APPLICATION / LIMITATION:**

4.1 - In application of FTP Code 2010 Annex 2 § 2.2, the products are expected to satisfy the requirement of smoke & toxicity without further testing.

4.2 - In application of FTP Code 2010 Annex 2 § 2.3, the products are expected to satisfy the requirement of maximum gross calorific value (e.g. 45 MJ/m<sup>2</sup>) without further testing.

4.3 - The fitting aboard to be the same as used for the test.

### **5. PRODUCTION SURVEY REQUIREMENTS:**

This certificate does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D "Production Quality Assurance" or E "Product Quality Assurance" or F "Product Verification" of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

### **6. MARKING OF PRODUCT:**

6.1 - Markings as per MED 96/98/EC:

☒ YYYY/XX where YYYY is the number of the Notified Body undertaking surveillance module (when BV, 0062) and where XX are the last two digits of year mark affixed.

6.2 - In pursuance of the EU/US MRA+, and in accordance with the Council Decision 2004/425/EC of 21 April 2004, the product(s) marked as per MED 96/98/EC may be marked with the USCG conformity marking as authorized by the Notified Body undertaking surveillance module.

**7. OTHERS:**

7.1- This approval is given under the understanding that the Manufacturer will accept full responsibility for informing shipbuilders or their sub-contractors of the proper methods of fitting and general maintenance of the approved equipment and the conditions of this approval.

7.2- This certificate supersedes the EC-type examination certificate N° 22995/A2 EC issued May 31st, 2015 by the Society.

**\*\*\* END OF CERTIFICATE \*\*\***