



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.

<b>Manufacturer</b>	Saint Gobain Isover Korea Co Ltd
<b>Address</b>	70 Bugokgongdan 1-gil Songak-eup Dangjin-si Chungcheongnom-do Republic of Korea
<b>Type</b>	<b>NON-COMBUSTIBLE MATERIAL</b>
<b>Description</b>	Fire-Resisting Material – Type “Glass Wool Pipe Cover 55K” and “Glass Wool Pipe Cover 65K”
<b>Specified Standard</b>	IMO Res. MSC.307(88) – (2010 FTP Code) Annex 1 Part 1

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	29 June 2018	Expiry date	28 June 2023
Certificate No.	SAS F180183	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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## Lloyd's Register EMEA

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email [tass@lr.org](mailto:tass@lr.org)

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Document number

SAS F180183

Issue number

1

### DESIGN APPRAISAL DOCUMENT

Date

29 June 2018

Quote this reference on all future communications

SOUTSO/SFS/TA/JE/WP32964439

#### ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F180183

This Design Appraisal Document forms part of the Certificate.

#### APPROVAL DOCUMENTATION

Fire Insurers Laboratory of Korea (FILK), Gyeonggi-Do, Korea, Fire Test Report No. FILK G2018-0316E and FILK G2018-0317E both dated 17<sup>th</sup> May 2018.

#### CONDITIONS OF CERTIFICATION

1. Comprising glass fibre material with density 55kg/m<sup>3</sup> and 65g/m<sup>3</sup>
2. Composition of individual components, including any flame retardants, to be maintained in production in accordance with originally tested composition formula
3. 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

#### PLACE OF PRODUCTION

Saint Gobain Isover Korea Co Ltd  
70 Bugokgongdan 1-gil  
Songak-eup  
Dangjin-si  
Chungcheongnom-do  
Republic of Korea



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).*