



TYPE APPROVAL CERTIFICATE

형식 승인증서

Certificate No. : SWE18371-FP001 **Date of Approval** : 28th December, 2005.
Product : Pipe Penetration
Manufacturer : ESSVE Produkter AB
Box 770, SE-191 27 Sollentuna, Sweden

Product Description : FS-Flex D

- Pipe penetration with elastomer A0, A15, A30 & A60 Class
 - (1) Type SPD-B : Typical Bulkhead Penetration
 - (2) Type SPD-D : Typical Deck Penetration
- Grade : Class A0-A60 steel bulkheads and decks (Pipe Dia. ≤ 48 mm)
- Drawing No : FSH-0-081-04
- Consisting of : 1) Fierstop Sealant 3000, 15 thk (nom.)
2) D-24B Calcium Silicate Blanket

Approval Condition : 1. This approval is granted on the basis of the approved drawing and the test reports. (Nos.: 103070.30 & 103070.28B of SINTEFF, and P00 8522 & P00 8555 of Report issued by an Accredited Laboratory)
2. No product certificate required.

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt 8, Ch 1, Sec 2 of the Rules for Classification, Steel Ships and IMO Res. A.754(18) in conjunction with the 1996 Amendments to SOLAS, 1974.

This Certificate is valid until 27th December, 2010.

Issued at Daejeon, Korea on 28th December, 2005.

한국선급
KOREAN REGISTER OF SHIPPING




Mann-Eung Kim
General Manager of
Materials and Equipment Team

Note : 1 : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or is not under attendance for completion of the renewal survey.
2 : Any significant changes of products and/or manufacturing process render this certificate invalid.