



# NIPPON KAIJI KYOKAI

## *Certificate*

OF

### APPROVAL

Certificate No.  
TA18433E(AL)

Item	: A-60 class pipe penetration
Product name	: Roxtec SPM Seal Series
Specifications	: See Annex.
Applicant	: Roxtec International AB Box 540, SE-371 23 Karlskrona, Sweden
Manufacturer	: The same as the Applicant.
Testing standard	: 2010 FTP Code Annex1 / Part 3
Test reports	: See Annex.
Limitation	: See Annex.

THIS IS TO CERTIFY that the above type of product has been approved by Nippon Kaiji Kyokai with type approval No. 17FPA13DA, and that the products of the above type will be accepted for use onboard ships classed with the Society as complying with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ships* and those of the *International Convention for the Safety of Life at Sea, 1974, as amended*, subject to conditional upon the manufacturer having a quality control system audited by a competent authority to ensure continuous compliance with the type approval conditions.

This certificate is valid until 23 February 2022.

Issued at Tokyo on 25 April 2018.

NIPPON KAIJI KYOKAI

  
H Kobayashi  
General Manager  
Material and Equipment Department



Note: This certificate has been re-issued due to the addition of the specification.

NOTE: The design, construction and way of installation subject to attachments. Any significant changes to the product without our approval will result in this certificate becoming null and void.

Annex to the Certificate No. TA18433E(AL)



Test Reports

Test laboratory (Test place)	Report No.	Date of Issue
SP Testing Research Institute of Sweden (SP Box 857 SE-501 15 Boras, Sweden)	5P03451	3 November 2015
	5P03457	12 November 2015
	5P08343	21 December 2015
	5P08346	21 December 2015
	5P08395	17 March 2016
	6P05989	24 October 2016
	6P05990	16 November 2016
	6P07565	20 December 2016
DBI- Danish Institute of Fire and Security Technology (Jernholmen 12, DK-2650 Hvidovre, Copenhagen, Denmark)	PGA10870A	13 December 2016
CENTRUM TECHMIKI OKRETOWEJ S.A. (65 Szczecińska 80-392 Gdańsk, POLAND)	RS-17/B-209/E	2 June 2017
	RS-17/B-210/E	2 June 2017

Specifications

Product	Size	Approved direction	Application
Roxtec SPM Seal Series	SPM 39- SPM279 (For specifications, see drawing No. S1502970) (For insulation specification, see drawing Nos. S1526359, S1526360, S1526361 and S1526362)	Vertical / Horizontal	Steel division
	SPM 39- SPM279 (For Steel Pipe) SPM 39- SPM157 (For Copper Pipe) (For specifications, see drawing No. S1502970) (For insulation specification, see drawing Nos. S1529709, S1529712, S1529713 and S1529715)	Vertical / Horizontal	Aluminum division

Limitation

Specifications for A-0 class pipe penetration for steel division (See drawing Nos. S1526364, S1526365, S1526366 and S1526367)

The specifications for A-0 penetration should be insulated on an exposed side (on the penetration itself and 200mm around).