

TYPE EXAMINATION CERTIFICATE

This is to certify:**That the Modular substructure system with accessories**with type designation(s)
Pressix CC41, Mounting Rail System

Issued to

Sikla GmbH
VS-Schwenningen, Germanyis found to comply with
RAL GZ 655:2008
VdS 2344:2014
EN 61537:2007 Cable management – Cable tray systems and cable ladder systems (IEC 61537:2006)

Application :**Refer to certificate.**Issued at **Høvik** on **2017-11-20**This Certificate is valid until **2022-11-19**.for **DNV GL**DNV GL local station: **Augsburg**Approval Engineer: **Hagen Markus**

Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.



Product description

The Pressix CC41, Mounting Rail System consists of electro galvanized:

- Serrated mounting rails and accessories
- Mounting brackets, pipe clamps and ventilation accessories
- HP Clamps, silencer elements and complementing standard parts as specified in the "Schiffbau / Shipbuilding" catalogue, edition 2017.

A higher grade of corrosion protection is achieved by Sikla High Corrosion Protection Systems (HCP) acc. to drawing 027/07. Applied corrosion protective surface coating depending on application and geometry. Protection level is always equal or exceeds conventional hot deep galvanised surface coating.

Overview

Size Range	
Pipe clamps	Stabil D-3G up to 305mm Stabil up to 250mm
Materials	
Rolled or edge-profiled sheet material	Carbon steel galvanized, continuously hot dip galvanized or High Corrosion Protection System (HCP) acc. to drawing 027/07.
Stainless steel	1.4301, 1.4362, 1.4401/ 1.4404 and 1.4571
Liner Rubber	NBR, Silicone, SBR/EPDM

Application/Limitation

The Pressix CC41, Mounting Rail System is type examined for the modular construction of support systems and substructures on board ships and other structures classed by DNV GL.

For each application the Sikla "Systemunterbaukataloge / Sub system catalogues" need to be observed in view of the project specific static and dynamic load calculations in conjunction with the latest product data sheets.

For installation, the latest Sikla "Installation Guidelines" are to be observed.

Type Examination documentation

Tests carried out

According to the standards specified on page 1.

In addition:

- Vibration and shock tests at WTD 71 according to the test specification of German Navy Korvette K130, Fregate F125.
- Smoke generation test on rubber elements NBR, EPDM, Silicone acc. to IMO FTP Code, Part 2
- Electrical continuity acc. to DINEN61537(VDE 0639):2007-09; EN61537:2007-Sub-clause 11.1

Marking of product

Scope of marking	Example
Manufacturers Mark	Sikla
Type - Material/Corrosion protection	41/41/2,5 - VA/HCP
Production date (month, year - one digit)	11, 7

Certificate Retention Survey

For retention of the type examination certificate periodical assessments shall be carried out at production places by DNVGL surveyor.

The objective of the periodical assessment is to verify that the design and production conditions for the type examination have not been altered.

Main scope of the assessment:

- verification of the production and quality control system
- review of quality control documentation of recent deliveries
- review of drawings in production to verify any design changes which may have an impact on data specified in the type approval certificate, performance and range of application
- verification of the product marking

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.