

Approval Certificate



This is to certify, that the undernoted products have been approved in accordance with the relevant requirements of the GL Approval System.

Certificate No. **37 236 - 12 HH**

Company **Sikla GmbH**

In der Lache 17
 78056 VS-Schwenningen, GERMANY

Product **Hollow square beam profil system for modular construction of support systems and substructures**

Type **Framo 80**

Technical Data / **The Framo support system consists of the following main parts:**
Application

- Square beam profile TP F 80
- Beam bracket AK F 80
- Bracket TKO F80
- Adapters STA F80, WBD F80, ASA F80, SA F 80
- Form lock screw FLS F 80
- Clamping bracket SB F 80
- Pipe Supports
- Accessories mounting set P, Bracket SB F 80, Beam profile bracket TPH F80, end cover ADK F80

Materials and Range of Application
 Refer to page 2

Approval Standard **DIN EN 1993 Part 1-3 (Eurocode 3) , DIN EN 13480-3**

Documents

- Test reports refer to page 3
- GL Approval Ref.-No.: 12-013119, 12-006961, 11-151561

Remarks **None**

Valid until **2017-03-28**

File No. **XLB.03**

Germanischer Lloyd

Hamburg, 2012-11-09

Hanspeter Raschle

Hagen Markus

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MATERIAL SPECIFICATION

Hollow square beam profile made of carbon steel acc. to DIN EN 10149-2, S355MC

**Corrosion protection: High Corrosion Protection (HCP)
according to Sikla drawing no.: 027/07**

RANGE OF APPLICATION

**The Framo 80 hollow square beam profile system Framo 80 is approved for setting up of pipe support and tray structures as well as substructures on ships and other structures classed by Germanischer Lloyd.
For each application the design and assembly instruction of Sikla are to be observed.**

MARKING

**Manufacturers Mark - Production date (month, year)
sikla - 05/10**

Test reports:

- MPA Stuttgart - 01/0603361, dated 2007-07-20
- MPA Stuttgart - 901 2896 000, dated 2007-05-21

HCP corrosion protection system

- MPA Stuttgart test reports acc. to DIN EN ISO 9227
Test report 901 4834 000 / Bf, Test report 901 2659 000 / Bf
- SLV Mannheim inspection report no.: 2.11468 , dated 2012-05-22, subject over welding capability

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