

Sika® Firestop Marine

The fire resistant rigid silicate sealant

Technical Product Data

Chemical base	Inorganic polymerized silicate
Colour (CQP ¹⁾ 001-1)	Black
Cure mechanism	Physical drying
Density (uncured) (CQP 006-4)	2 kg/l approx.
Application temperature	+5°C to +30°C
Shrinkage (CQP 014-1)	23%
Shelf life (storage frost-free, below 25°C) (CSQP 016-1)	12 months

¹⁾ CQP = Corporate Quality Procedures

²⁾ 23°C / 50% r.h.

Description

Sika® Firestop Marine is a fire proofed inorganic polymerized silicate. It adheres to most building and construction materials and has outstanding resistance to fire.

Sika® Firestop Marine is manufactured in accordance with the ISO 9001/14001 quality assurance system and with the responsible care program.

Product Benefits

- 1-C Inorganic polymerized silicate
- Outstanding resistance to fire even on metal to metal joints
- Inorganic – non ignitable and does not give off fumes
- Simple to use and easy to apply
- Expands at temperatures above 250°C
- Resistant up to 1000°C

Areas of Application

Sika® Firestop Marine is used in areas where fire protection is required. Ship building: In combination with Sika® Firestop Marine and Sika® Assembly Foam OZ Plus Marine it is tested according to SOLAS 1974 and the IMO-Resolution A.754 (18) for Cable Ducts and bulk head penetrations.

Typical applications:

- Fire door sealing
- Sealing gaps around ducting and service penetrations
- Fire protection of cable ducts (in combination with Sika® Firesil Marine)
- General plugging and sealing operations

In moving joints Sika® Firestop Marine should be overfilled with the elastic Sika® Firesil Marine.

Industry



Cure Mechanism

Sika® Firestop Marine cures by drying.

Method of Application

Surface preparation

Surfaces must be clean, dry and free from all traces of oil, grease, loose particles and dust.

Application

Cut off the tip from the thread of the cartridge. Trim the nozzle to the required size. Use a cartridge gun. Sika® Firestop Marine may be put into place with a spatula.

Sika® Firestop Marine is not resistant against water before curing.

When sealing firedoors the joint can be padded out with mineral wool and then sealed on both sides with Sika® Firestop Marine.

Removal

Uncured Sika® Firestop Marine can be removed from tools and equipment with fresh water. Once cured, the material can only be removed mechanically.

Hands and exposed skin should be washed immediately using water and soap or Sika® Handclean Towel or a suitable industrial hand cleanser and water. Do not use solvents!

Overpainting

Sika® Firestop Marine cannot be overpainted.

Further Information

Copies of the following publications are available on request:

- Material Safety Data Sheets
- Marine Application Guide

Packaging Information

Cartridge	300 ml
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Important

For information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

Note

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.



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