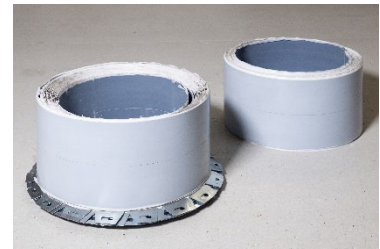


Technical Data Sheet

Fradiflex® INOX metal waterstop

Fradiflex® INOX metal waterstop consists of a stainless-steel sheet with a special coating.



Product

Description

Fradiflex® INOX metal waterstop consists of a stainless-steel sheet with a special coating applied on both sides. The special coating is protected with a foil.

Use

Fradiflex® INOX metal waterstop may be used for sealing construction joints in uncoated storage and filling facilities of JGS (liquid manure, slurry and silage leachate) and biogas plants, as well as in structural, civil and structural engineering. It can also be used with aggressive media.

Application examples: horizontal bunker silos, chlorinated water, salt water (see resistance list for concentrations).

Characteristics/ Benefits

Agricultural construction: Maximum permissible water pressure according to general technical approval (abZ) 0.8 bar (8 m water column)

Other applications: Maximum permissible water pressure according to general building authority test certificate (abP) 2.0 bar (20 m water column)

Test

Approval

National technical approval / general construction technique permit (Z-74.101-217) from the Deutsches Institut für Bautechnik (DIBt) in Berlin dated 15 May 2023

General building authority test certificate (P-51-21-0043) from the Technical University of Munich (TUM) dated 31 August 2023

Product details

Design

Fradiflex® INOX metal waterstop consists of a metal waterstop sheet coated both sides with a special coating and is delivered with or without fixing bracket and provided in 15 m rolls. Joints are bonded by overlapping the coating by at least 100 mm (**abZ**) or 50 mm (**abP**) and secured with a clamping bracket.

The position of the metal waterstop is secured using the fixing brackets with binding wire or with the associated mounting brackets and binding wire at a distance of 60 to 80 cm on or at the reinforcement.

The sheets have a special black coating that bonds very well with the concrete.

A thin divided foil covers the entire surface of the sheet or the coating.

Packaging

Fradiflex® INOX metal waterstop is supplied as follows:

- 15 m roll: 1 roll/box / 36 boxes per pallet

Storage

12 months after date of production at max. 35°C, protect from moisture, direct sunlight and contamination.

Physical characteristics

Fradiflex® INOX metal waterstop is made of a stainless-steel metal waterstop strip with a height of 150 mm. The sheet thickness is 0.5 mm and is cut into rolls of 15 m length.

Working temperature: -5°C to + 45°C

Temperature resistance: -25°C to +60°C

The material for the special coating consists of a thermoplastic elastomer, free of formaldehydes. The layer thickness of the special coating is approx. 0.2 mm.

The protective foil protects the coating from dirt, dust and during concreting from unwanted concrete splashes. After removing the film, the coating should not be exposed to the weather for more than 7 days.

Disclaimer / Notes:

The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: www.maxfrank.com. Our General Terms and Conditions of Sale apply in addition.