



Den Braven

Technical Data Sheet

Zwaluw Fix-O-Chem (Styrene Free)

2-component tension free chemical anchoring styrene free



Product Description

Zwaluw Fix-O-Chem is a two-component chemical anchoring system based on styrene free polyester resins for very fast anchoring with high firmness, hardening through chemical process. For anchoring dynamically stressed structures, building components, engineering equipment or scaffolding.

Benefits

- Quick processing
- Quick curing and extreme strong final result
- For massive and hollow surfaces
- 2-components in 1 cartridge
- No special caulking gun required
- Ready to use
- For rods M8 to M24
- For use in alkaline environments
- Suitable for use from -10°C to +40°C
- Tension-free mounting

Applications

Zwaluw Fix-O-Chem was specifically developed for heavy-duty chemical anchoring of threaded rods, bolts and screws into both solid based as well as hollow substrates as concrete, aerated concrete, lightweight concrete, masonry and stone used in indoor and outdoor applications, vertically and horizontally. Zwaluw Fix-O-Chem can be

used throughout the entire recommended period of use simply by replacing the application nozzle and securely closing the cartridge cover.

Directions Of Use

Drill the opening of prescribed dimensions for thread bar to use. The opening must be cleaned thoroughly with a round brush. Purge with pump. Apply homogenously mixed liquid anchor. Do not use the first 10 cm of material after extrusion. Fill the opening with 1/3 to 1/2 of the consistently mixed liquid anchor. Place the rod or bolt by pushing and turning clockwise (same as thread). Wait until material is fully cured before fastening anchoring items. For further information download the Application Guideline available on the Fix-O-Chem (SF) product page at www.denbraven.com and check "Table 1, Installation parameters" for the installation parameters.

Additional information

Application temperature		-5°C to +35°C
Base		Styrene-free unsaturated polyester resins
Curing time		20-360 minutes depending on temperature, download the Application Guideline and check "Table 2, minimum curing time" on page 3
Density		1,80 g/ml
Frost resistance during transportation		Up to -15°C
Temperature resistance		-5°C to +35°C
Usage	SF	Fill opening up 1/3 to 1/2 with Zwaluw Fix-O-Chem

These are typical values



Den Braven

Arkema Middle East DMCC
Unit 1108 JBC 3 Tower, Cluster Y, Jumeirah Lakes Towers, P.O. Box 336393 Dubai
T +971 48751704 | E bostik.mena-info@bostik.com

18-05-2024
00:22:33
MDT



Den Braven

Better
results
through
knowledge

Technical Data Sheet

Zwaluw Fix-O-Chem (Styrene Free)

2-component tension free chemical anchoring styrene free

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.

Surface Preparations and Finishing

Before using the Zwaluw Fix-O-Chem (SF) refer to the Health & Safety Sheet. Surfaces must be dry, clean and solid. Always test adhesion prior to application. For further information download the Application Guideline available on the Zwaluw Fix-O-Chem (SF) product page at www.denbraven.com.

Cleaning

Uncured material and tools can be cleaned by using Zwaluw Cleaner.
Cured material can only be mechanically removed. Hands can be cleaned with Zwaluw Wipes.

Colour(s)

- Grey

Packaging

- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life till 18 months after date of production, stored in a dry place.

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites.

Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

Disclaimer

All information in this document and in all our other publications (including electronic ones) is based on our current knowledge and experience and is the exclusive (intellectual) property of Bostik. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Bostik's written consent. The technical information in this document serves as an indication and is non-exhaustive. Bostik is not liable for any damage, either directly or indirectly, due to (editorial) errors, incompleteness and/or incorrectness of this document. This includes, but is not limited to, incompleteness and/or incorrectness due to technological changes or any research conducted between the date of publication of this document and the date on which the product is acquired. Bostik reserves the right to amend the wording of this document. Bostik cannot be held liable for any damage, either directly or indirectly, due to the use of the product(s) depicted in this document. The user must read and understand the information in this document and other documents relating to the products prior to the use of the product. The user is responsible for performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any



Den Braven

Arkema Middle East DMCC
Unit 1108 JBC 3 Tower, Cluster Y, Jumeirah Lakes Towers, P.O. Box 336393 Dubai
T +971 48751704 | E bostik.mena-info@bostik.com

18-05-2024
00:22:33
MDT