



Technical Data Sheet

Zwaluw Acryl Ducting Seal

High quality sealant for ducting applications



Product Description

Zwaluw Acryl Ducting Seal is a plasto-elastic sealant based on acrylic dispersion, specifically for heating, ventilation and air conditioning applications. Zwaluw Acryl Ducting Seal has been tested and approved by the DIN EN ISO 846 A&C.

Benefits

- Tested and approved according DIN EN ISO 846
- Specifically for ducting
- Sanitary version
- Paintable with water based and synthetic paints
- Perfect adhesion without use of a primer on most, even slightly damp substrates
- Almost odourless
- Easy to apply and clean
- Non corrosive towards metals
- Can be applied with a brush

Applications

Zwaluw Acryl Ducting Seal was specifically developed for sealing connection joints of all heating, ventilation and air conditioning ducts.

Directions Of Use

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the

correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm. For more information see the Technical Bulletin Joint Dimensions in the Knowledge Base on our website www.denbraven.com.

Additional information

100 % modulus	DIN 53504 S2	0,42 N/mm ²
Application rate	@ Ø3 mm/4 bar	700 g/min
Application temperature		+5 °C to +40 °C
Base		Acrylic dispersion
Density	ISO 1183-1	1,63 g/ml
Elongation at break	DIN 53505/ ISO 868	250%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15 °C
Joint movement		12,5%
Shorea hardness	DIN 53505 / ISO 868	32
Skin formation	DBTM 16	7 minutes @ +23 °C/50% RH
Temperature resistance		-20 °C to +75 °C
Tensile strength	DIN 53504	0,46 N/mm ²

These are typical values

Limitations

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

Surface Preparations and Finishing

Application temperature +5 °C to +40 °C (applies to environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Substrates to be cleared of all loose particles, absorbent substrates do not need to be absolutely dry. Very porous



Technical Data Sheet

Zwaluw Acryl Ducting Seal

High quality sealant for ducting applications

substrates like: gypsum, airated concrete, limestone, etc, need to be primed with a mixture of 1 part Zwaluw Acryl Ducting Seal and 2 parts water. Always test adhesion prior to application. Finish and smooth with water.

Paintability

Zwaluw Acryl Ducting Seal is paintable when fully dry. During curing product will show shrinkage, which can cause cracking of the paint. Paintable with water based and synthetic paints. Painting with highly water based paints can create cracking. We recommend testing compatability with paint prior to application.

Cleaning

Tools should be cleaned after use with water. Hands can be cleaned with Zwaluw Wipes and/or water and soap.

Colour(s)

- Silver-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 is up to 18 months from production date, stored in a dry place.

Certifications

DIN EN ISO 846 EMICODE EC1 Plus – very low emission
--

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 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 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.