



Zwaluw Clearsil

Crystal clear acetoxy silicone sealant



Product Description

Zwaluw Clearsil is a crystal clear acetoxy silicone sealant which cures by reacting to moisture to form a durable elastic rubber seal.

Benefits

- Crystal clear
- Adhesive and sealant
- Good mechanical properties

Applications

Zwaluw Clearsil was specifically developed for crystal clear bonding and sealing of full glass construction (1) out of single glass such as showcases, furniture and other glass decorations.

Remark (1)

Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the producer without notice. Advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

Directions Of Use

When using Zwaluw Clearsil a shrinkage of 30% should be allowed for. As a result, tension will occur on the substrate. Ask for advice in advance. For further questions please contact our technical service.

Additional information

100 % modulus	DIN 53504 S2	0,30 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	200 g/min
Application temperature		+5 °C to +40 °C
Base		Acetoxy
Curing time	@ +23 °C/50% RH	2 mm/24 hours
Density	ISO 1183-1	0,95 g/ml
Elongation at break	DIN 53504 S2	800%
Flow	ISO 7390	<2mm
Frost resistance during transportation		Up to -15 °C
Shorea hardness	DIN 53505	12
Skin formation	DBTM 16	5-6 minutes @ +23 °C/50% RH
Temperature resistance		-40 °C to +180 °C
Tensile strength	DIN 53504 S2	1,50 N/mm ²

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for applications on concrete, marble, lead, copper and galvanized steel
- Not suitable for aquariums and terrariums

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 from grease and dust. Clean substrates with Zwaluw Cleaner.

Zwaluw Clearsil adheres perfectly without the use of a primer to most non porous substrates, like glass, painted wood, ceramic and enamelled. Always test adhesion prior to application. Use Zwaluw Finisher to smoothen the joint.



Technical Data Sheet

Zwaluw Clearsil

Crystal clear acetoxysilicone sealant

Paintability

Zwaluw Clearsil is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that need to be painted from being contaminated silicone.

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)

- Transparent

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 up to 12 months from production date, stored in a dry place.

Certifications

	EN 15651-1: F-EXT-INT-CC EN 15651-2: G-CC A+ French VOC Regulation
--	--

Health & Safety

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

Warranty & Guarantee

Den Braven 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 Den Braven. No part of this document may be copied, shown to third parties, reproduced, communicated to the public or used in any other way without Den Braven's written consent. The technical information in this document serves as an indication and is non-exhaustive. Den Braven 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. Den Braven reserves the right to amend the wording of this document. Den Braven 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.