



Den Braven

Technical Data Sheet

Zwaluw Structural Silicone 795-4000

One component, high-strength neutral sealant for structurally glazed curtain wall applications



Product Description

Silicone Structural Glazing Sealant 795-4000 is a one component, high-strength neutral cure sealant specially designed and tested for structurally glazed curtain wall applications.

Benefits

- High-strength structural sealant with primerless adhesion to many building substrates
- Specific substrate testing required on all structurally glazed projects
- UV, weather and ozone resistant
- Almost odourless
- Average tooling time
- Non-corrosive cure by-product

Applications

Silicone Structural Glazing Sealant 795-4000 is designed for use in structural glazing applications such as in-shop or field glazing of curtain wall modules, where glass lights are attached to the metal framing system with the structural sealant. This material can also be used as the weather seal in glass-to-glass butt joints.

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	0,90 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	200 g/min
Application temperature		+5°C to +40°C
Base		Neutral alcoxy
Curing time	@ +23°C/50% RH	2mm/24 hours
Density	ISO 1183-1	1,52 g/ml
Elongation at break	DIN 53504 S2	400%
Flow	ISO 7390	200 g/min
Shorea hardness	DIN 53505	45
Tensile strength	DIN 53504 S2	2,10 N/mm ²

These are typical values

Limitations

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. Clean substrates with Zwaluw Cleaner. Zwaluw Structural Silicone 795-4000 adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer B1. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

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)

- Black



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

19-05-2024
20:16:48
MDT



Den Braven

Technical Data Sheet

Better
results
through
knowledge

Zwaluw Structural Silicone 795-4000

One component, high-strength neutral sealant for structurally glazed curtain wall applications

Packaging

- Cartridge

For product specifications, please refer to the Product Detail Page

Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 12 months from production date.

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.