Den Braven

Hybriseal® 2PS

High quality professional and universally paintable sealant for glazing and façade joints

PRODUCT DESCRIPTION

Zwaluw Hybriseal® 2PS is a high quality professional sealant, universally paintable, based on hybrid technology, which cures under influence of humidity to form a durable elastic rubber.

KEY BENEFITS

Excellently paintable with water based and synthetic paints
Universal uses for buildings and glazing, both interior and exterior
Free of isocyanates, solvents and silicones
Non corrosive towards metals
No shrinkage and bubble free
Good resistance to UV, moisture, mould and weather
Adheres perfectly without primer on most, even damp, surfaces

APPLICATIONS

Zwaluw Hybriseal® 2PS was specifically developed as universal glazing sealant, complying with international glazing standards, for laminated, single, insulation, burglar-proof and self-cleaning glass (1). For sealing expansion, connection and perimeter joints.
-
- 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. Any advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

DIRECTION FOR 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 devided by 3 plus 6 mm. For more information see the Technical Bulletin Joint Dimensions in the Knowledge Base on our website www.denbraven.com.

TECHNICAL SPECIFICATIONS

100% Modulus	DIN 53504 S2	0,65 N/mm²
Application Temperature		+5°C to +40°C
Base		Hybrid
Application Rate	Ø2,5 mm/6,3 bar	100-200 g/min
Curing Time	@ +23°C/50% RH	Approximately 2-3 mm/24 hours
Density	ISO 1183-1	1,53 g/ml
Elongation At Break	DIN 53504 S2	350%
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Joint Movement		25%
Shore A Hardness	DIN 53505	32
Skin Formation	@+23°C/50% RH - DBTM 16	46-60 minutes
Temperature Resistance		-40°C to +90°C
Tensile Strength	DIN 53504 S2	1.00 N/mm²

These are typical values

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for natural stone and mirrors.
- Not suitable in combination with chlorides (pools).

SURFACE PREPARATIONS AND FINISHING

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean and free of grease and dust. Clean substrates with Zwaluw Cleaner. Zwaluw Hybriseal® 2PS adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Zwaluw Primer Universal. Always test adhesion prior to application. Use Zwaluw Finisher to smooth the joint.

PAINTABILITY

Zwaluw Hybriseal® 2PS is paintable with most water based and synthetic paints. We recommend testing compatibility with paint prior to application. If Zwaluw Hybriseal® 2PS is being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use with Scotch-Brite. For the best results, we recommend painting a few days after application.

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.

PACKAGING DESCRIPTION

- Sausage
- Cartridge

For product specifications, please refer to the Product Detail Page

COLOR

Black, RAL 7016 (Anthracite Grey), White, Brown, Grey, RAL 9001 (Cream)

SHELF LIFE

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

CERTIFICATIONS

- EN 15651-3: S XS2
- EN 15651-4: PW-EXT-INT-CC 25HM
- EN 15651-1: F-EXT-INT-CC 25HM
- EN 15651-2: G-CC 25HM
- ISEGA
- M1
- 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.

ZWALUW®
HOTLINE
Smart help +31 162 491 000

Bostik S.A.
51, ESPLANADE DU GÉNÉRAL DE GAULLE
92800 PUTEAUX - LA DÉFENSE
TÉL. : +33 (1) 49 00 90 00