



Den Braven



Better results through Knowledge

Technical Data Sheet

Zwaluw Gasket Sealant

Gasket sealant 300°C



Product Description

Zwaluw Gasket Sealant is a durable, heat resistant, one component silicone sealant with a temperature resistance till 300°C. After application the silicone cures with atmospheric moisture to form a durable rubber seal.

Benefits

- ▶ high temperature resistant

Applications

Zwaluw Gasket Sealant can be used for "forming in place" gasketing applications, like oven door sealing and bonding, sealing of industrial ovens, sealing of joints where an extremely high temperature resistance is necessary. In general Zwaluw Gasket Sealant may be used, also without primer, to seal assemblies of glass, glazed surfaces, porcelain coated metal, epoxy and polyester panels and anodised aluminium.

Technical specifications

Application Rate		250 g/min
Application Temperature		+5°C till +40°C
Base		Acetoxi
Density		1,08 g/ml
Elongation at Break		400%
Flow	ISO 7390	< 2 mm
Frost Resistance during transportation		Till -15°C
Joint Movement		25%
Shore-A hardness	DIN 53505	29 Shore A
Skin Formation	@23°C/55% RH	15 min
Temperature Resistance		-60°C till +300°C
Tensile Strength	N/mm ²	2,10 MPa

Limitations

- ▶ Not suitable for the following materials: PE, PP, PTFE, neoprene and bituminous substrates.

Joint Designs

Surface Preparations and Finishing

Before using the Zwaluw Gasket Sealant refer to the Health & Safety Sheet. All surfaces must be clean, dry and free from dust, grease and other loose material. Adhesion tests prior to the application are recommended.

Clean the surfaces thoroughly by using Zwaluw Cleaner (PDS 7.82). Although Zwaluw Gasket Sealant provides an excellent unprimed adhesion to most common building substrates, a primer may be recommended for certain applications. Apply with a professional Zwaluw Caulking Gun (PDS 7.01). Smoothen the fresh applied sealant with Zwaluw Finisher (PDS 7.83) within the skin forming time to ensure a firm and full contact with the joint faces.

Cleaning

Cured and uncured material and tools can be cleaned by using Zwaluw Cleaner (PDS 7.82).

Den Braven Sealants B.V.

Denariusstraat 11 | 4900 AD Oosterhout | The Netherlands

T +31 (0) 162 - 491 000 | E info@denbraven.com



Den Braven



Better
results
through
Knowledge

Technical Data Sheet

Zwaluw Gasket Sealant

Gasket sealant 300°C

Colour(s)

► Red

Packaging

Aluminium tubes 80 ml||Cartridge 310 ml

Shelf Life

12 months when stored in its original unopened packaging.

Health & Safety

Product Health and 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.

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 Sealants B.V. ("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 direct or indirect, 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 direct or indirect, due to the use of the product 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. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.

Den Braven Sealants B.V.

Denariusstraat 11| 4900 AD Oosterhout | The Netherlands

T +31 (0) 162 - 491 000 | E info@denbraven.com