



# Den Braven

## Technical Data Sheet

### Zwaluw Butylene-X

One component durable mastic based on polybutene and vegetable oils



#### Product Description

Zwaluw Butylene-X is a one component durable mastic based on polybutene and vegetable oils. After application a paintable surface skin will be formed within 48 hours.

#### Benefits

#### Applications

Zwaluw Butylene-X was developed to seal joints that are subject to low movement and no mechanical exposure. Suitable for interior use as a bedding compound for single glazing.

#### Directions Of Use

A well designed joint should have sufficient width to be able to take and absorb the movement of the adjacent building elements. The joint depth should always be in the correct relationship to the joint width. A general rule of thumb for the ratio of joint depth to the width is: 1:1 up to 10 mm wide, with a minimum of 5 mm in width and depth. For joints wider than 10 mm the joint depth should be the joint width divided by 3+6 mm – with a maximum depth of 15 mm. For a complete overview see our website or contact Den Braven.

#### Additional information

Application temperature		+5°C to +40°C
Base		Polybutene
Density		1,70 g/ml
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Skin formation	@ +23°C/55% RH	48 hours
Temperature resistance		-20°C to +75°C

*These are typical values*

#### Limitations

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

#### Surface Preparations and Finishing

Before using the Zwaluw Butylene-X refer to the Health & Safety Sheet. All surfaces must be clean, dry and free of dust, grease and other loose material. Adhesion tests prior to application are recommended. Clean the surfaces thoroughly by using Zwaluw Cleaner. Apply Zwaluw Butylene-X with a professional caulking gun.

#### 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
- Grey
- White

#### Packaging

- Cartridge
- Sausage



# Den Braven

Better  
results  
through  
knowledge

## Technical Data Sheet

### Zwaluw Butylene-X

One component durable mastic based on polybutene and vegetable oils

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

#### 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 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 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.