



## Technical Data Sheet

# ZowoSmart 5014 AcrylicSealant

### Product Description

#### Product Type

Water-based, colored one-component acrylic sealant for joints in timber construction

- » VOC-free
- » Permanently elastic
- » Can be recoated quickly
- » Smooth consistency for easy insertion into the V-joint
- » Can be used in opaque and glazing steps of coatings
- » Can be used inside and outside
- » Paint-compatible and paintable
- » Recoatable with all water-based Berger-Zobel intermediate and top coats

#### Area of Application

- » Joints in wooden structures such as wooden houses, door and window frames
- » The acrylic sealant is applied after the last coating-step.
- » Subsequent overpainting with [Z] ZowoTec® and [Z] DecoTec® is possible.

### Technical Data

#### Base of Binder

Acrylate-

#### Color

White, light-oak, teak, mahogany, brown, wenge, maple, spruce, oregon

#### Density

Approx. 1,6 g/ml

#### Shrinkage, volume change during drying

Approx. 20%

#### Extensibility, compression characteristics

Max. 15%

#### Temperature resistance

-50 °C up to + 80 °C

#### Viscosity

Paste-like

### Processing Instructions

#### Application Method

- » Apply ZowoSmart 5014 AcrylicSealant after the last coating-step.
- » Place cartridge gun on the coated joint and bring in the sealant with slight pressure.
- » Pull off the introduced quantity with a spatula adapted in size to the joint or smooth with a finger.
- » Keep adjacent areas free from sealant.

#### Processing Viscosity

Ready to use.

#### Processing Conditions

For excellent adhesion the joint edges must be prepared carefully:

- » Substrate must be dry, clean, load bearing and free from separating substances
- » Moisture content of the wood approx. 13%
- » Approx. 20 °C for substrate, material und environment, ca. 50% relative air humidity
- » Do not process below 5 °C or more than 30 °C
- » Prevent three-sided adhesion so that the sealant can move freely between the two joint edges and the movement absorption of the sealant is not disturbed



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### Drying Time

(20 °C / 50% relative air humidity)

- » Skin formation after approx. 20 minutes
- » Dried through approx. 5 mm in 7 days
- » Drying time depends on joint dimension and ambient conditions. Low temperature and high humidity retard drying. Always ensure adequate temperature and air exchange.

### Cleaning of the Tools

Immediately after use with water or [Z] ZowoSmart® HydroCleaner

### Type of Packaging

620 ml hoses

### Additional Information

#### Special Information

» Please observe Berger-Zobel steps of coating!

#### Minimum Shelf Life

24 months cool but free of frost in the closed original packaging.

#### Safety Instructions

Always read label and product information before use. Please observe the usual precautions during processing and storage. For safety-relevant data and instructions on disposal refer to the Material Safety Data Sheet.

All information provided is state of the art. Because of the large number of options for use and processing, however, obligation and liability must be ruled out. With the appearance of new versions, previous editions lose their validity.