



Den Braven

# PANELCLEANER®

Adhesion promotor for panel bonding



## PRODUCT DESCRIPTION

Zwaluw Panelcleaner® is a de-greasing cleaner for non porous surfaces. Zwaluw Panelcleaner® is part of a panel bonding portfolio of Zwaluw Panelfix®, Zwaluw Paneltape, Zwaluw Panelcleaner® en Zwaluw Primer-PF®.

## APPLICATIONS

Zwaluw Panelcleaner® was developed for de-greasing and cleaning of panels and aluminium supports, use in combination with Zwaluw Panelfix®.

## DIRECTION FOR USE

Wipe in one direction to avoid recontamination of the cleaned surface. Replace the cleaning cloths regularly.

General information timber/aluminium frame work and panel work

Minimum joint width between the panels: 6 mm

Distances between frame parts depending on panel thickness: 400-650 mm

Minimum width end frame lath: 70 mm

Minimum width mid frame lath: 55 mm

Minimum width connection frame: 70 mm

Minimum frame thickness: 19 mm

Minimum ventilation space behind the panel: 20 mm

Pre-treatment frame work

Apply Zwaluw Primer-PF® in one opaque layer and allow to dry at least for 1 hour. Moisture content of the timber frame work may not exceed 18%!

Application Spacer Tape

Apply Zwaluw Paneltape when Zwaluw Primer-PF® is fully cured (1 to 24 hours) in a vertical continuous line. Press firmly and cut with a sharp knife. Do not remove the release paper of the Zwaluw Paneltape.

Pre-treatment panel work

Use Zwaluw Panelcleaner® to clean the rear of the panel at the adhesion. Thoroughly clean by using two cloths.

Apply panel adhesion

Apply Zwaluw Panelfix® only with the supplied V-nozzle in a triangular shape with a width and height of 10 mm in a vertical continuous line next to the Zwaluw Paneltape.

## Panel mounting

Remove the release paper of the Zwaluw Paneltape. Apply the panel within 10 minutes of removing the release paper. Once the panel touches the Zwaluw Paneltape no adjustments can be made. When the panel is mounted correctly, press firmly.

## TECHNICAL SPECIFICATIONS

Density	0,72 g/ml
Frost Resistance	Up to -15°C
Flash point	-14°C

These are typical values

## SURFACE PREPARATIONS AND FINISHING

Zwaluw Panelcleaner® removes any trace of grease and mild surface contamination, improving adhesion. When Zwaluw Panelcleaner® is evaporated the surface will cool down. This may result in condensation and moisture on the surface. We advise allowing the surface to dry for 10 minutes after cleaning before applying sealant or adhesive to the substrate. Replace the cleaning tissues regularly.

## 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

- Can

For product specifications, please refer to the Product Detail Page

## COLOUR

Transparent

## SHELF LIFE

In unopened original packaging kept 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 our websites

## WARRANTY & GUARANTEE

Bostik warrants that its product complies, within its shelf life, to its specification.

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