



Den Braven

Zwaluw Crystal Fix Turbo

CRYSTAL CLEAR ULTRA FAST-SETTING POWER ADHESIVE



PRODUCT DESCRIPTION

Zwaluw Crystal Fix Turbo is a crystal clear fast setting hybrid based power adhesive having a green-grab and a quick strength build-up feature. This solvent and isocyanate-free power adhesive sets in minutes and obtains a high end strength within the first 20 minutes. It also provides a vibration- and shock-resistant, weather-resistant elastic bonding solution.

KEY BENEFITS

- Crystal-clear finish
- Powerful bonding strength- Fast-curing formula

APPLICATIONS

Zwaluw Crystal Fix Turbo is specifically developed as a fast setting high strength power adhesive to adhere a wide range of building materials including; vertical bonding of heavy items such as brick, stone, and ceramic tiles. It provides excellent adhesion to most building materials including PVC, metal, wood, polyurethane, steel, aluminium, stone, glass and mortar. Zwaluw Crystal Fix Turbo can be used both internally and externally and is suitable for roof tiles, skirting boards, decorative panels, siding materials and plasterboard rails.

DIRECTION FOR USE

Cut off the dome at the top of the cartridge taking care not to damage the thread. Cut the nozzle at a 45° angle to the required diameter and screw onto the cartridge. Insert the cartridge into a cartridge gun and repeatedly squeeze the trigger until the adhesive appears. Apply adhesive in a 'ventilating' way in vertical stripes to one of the surfaces, align and bring the surfaces together ensuring to crush the beads of adhesive. Beads 5 mm in diameter are generally sufficient.

100% Modulus	DIN 53504 S2	1,60 - 1,80 N/mm ²
Application Temperature		+5°C to +40°C
Base		Hybrid
Application Rate	Ø2,5 mm/6,3 bar	40-80 g/min.
Curing Time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1.02-1.08 g/ml
Elongation At Break	DIN 53504 S2	150-200%
Flow	ISO 7390	<2mm
Frost Resistance		up to -15°C
Shore A Hardness	DIN 53505 3 sec.	45-50
Skin Formation	+23°C/50% RH (DBTM 16)	10-15 min
Temperature Resistance		-40°C to +90°C
Tensile Strength	DIN 53504 S2	2.5-3.0 N/mm ²

These are typical values

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for continuous exposure to water.- Not suitable for movement joints,Not suitable in combination with chlorides (pools).

SURFACE PREPARATIONS AND FINISHING

Application temperature +5°C to +40°C (environment and substrate). Surfaces must be dry, clean and solid. Clean surfaces with Zwaluw Cleaner. Zwaluw Crystal Fix Turbo adheres perfectly without the use of primer to most non porous substrates. Always test adhesion prior to 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.

SHELF LIFE

In unopened original packaging between +5°C and +25°C, shelflife till 12 months after date of production, stored in a dry place.

CERTIFICATIONS

- A+ French VOC Regulation
- Emission EC1 Plus – very low emission



HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use.
Please consult the safety data sheet on:
<https://bostiksdsthewerccs.com/>.

WARRANTY & GUARANTEE

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

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