



Den Braven

PU Stone Adhesive

High quality ready-to-use stone adhesive



PRODUCT DESCRIPTION

Zwaluw PU Stone Adhesive is a high quality ready to use polyurethane adhesive for bonding various types of stone. It is the adhesive to use when no water and/or electricity is available and one needs to work in a fast, clean and efficient manner.

KEY BENEFITS

- Quick & clean application
- Stronger bond, tensile strength after one day > 7 N/mm²
- For use on multiple surfaces
- Simple, modern and labour friendly application
- Lower adhesive consumption due to thin bonding thickness
- Lighter than traditional mortars
- Lower transportation and storage costs
- Ready to use (no mixing)

APPLICATIONS

Zwaluw PU Stone Adhesive was specifically developed for bonding non-bearing interior walls of gypsum, concrete, aerated concrete and lime stone blocks.

DIRECTION FOR USE

- Canister temperature: +5°C to +30°C (recommended +15°C to +25°C)
- Application temperature (applies to environment and substrates): +5°C to +35°C (recommended +15°C to +25°C)
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 - For adhering blocks with tongue and groove:
 - Turn the applicator gun, with NBS-thread, upside down and affix a canister of foam to the applicator gun. We recommend a NBS Gold (see instructions in the gun box). Shake the canister vigorously prior to use at least 20 times. Turn canister upside down and apply the foam.
 - 1. Unlock/open the screw at the rear of the gun by a third (1/3) in order to apply the PU Stone Adhesive with as much control as possible.
 - 2. When bonding ribbon joints apply two beads of PU Stone Adhesive

- 20 mm in diameter as close as possible on both sides of the tongue. At least 80% of the block surface is covered with PU Stone Adhesive. You can check this by placing the second block and removing immediately.
- 3. Apply the blocks by moving slightly into place, avoiding the adhesive for an even distribution and prevention of bulging glue.
- 4. For bonding butt joints place the block vertically and place one bead of PU Stone Adhesive before placing the blocks.
- 5. Remove fresh excess foam immediately with Universal PU Cleaner
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- For adhering flat blocks:
 - Turn the applicator gun, with NBS-thread, upside down and affix a canister of foam to the applicator gun. We recommend a NBS Gold (see instructions in the gun box). Shake the canister vigorously prior to use at least 20 times. Turn canister upside down and apply the foam.
 - 1. Unlock/open the screw at the rear of the gun by a third (1/3) in order to apply the PU Stone Adhesive with as much control as possible.
 - 2. When bonding ribbon joints apply two beads of PU Stone Adhesive 20 mm in diameter as close as possible on both sides of the tongue. At least 80% of the block surface is covered with PU Stone Adhesive. You can check this by placing the second block and removing immediately.
 - 3. Apply the blocks by moving slightly into place, avoiding the adhesive for an even distribution and prevention of bulging glue.
 - 4. For bonding butt joints place the block vertically and place one bead of PU Stone Adhesive before placing the blocks.
 - 5. Remove fresh excess foam immediately with Universal PU Cleaner. In both application methods 80% block surface must be covered with PU Stone Adhesive.
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 - Protect eyes, wear gloves and protective gear. Floor-covering and furniture to be covered with paper or plastic foil. Only use in well ventilated areas.
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 - Storage and shelf life: Store canister upright between +5°C and +25°C. Pressurized container! Protect from sunlight and do not expose to temperatures exceeding +50°C. Do not pierce or burn, even after use.
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 - Contains flammable propellants. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. No smoking.
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 - For more information see Technical Bulletins in the Knowledge Base on our website www.denbraven.com.

TECHNICAL SPECIFICATIONS

Application Temperature	+5°C to +35°C
Base	Polyurethane
Curing Time	60-80 minutes
Temperature Resistance	-40°C to +90°C

These are typical values

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Not suitable for permanent water load. Not suitable for use (eg filling) in cavities with insufficient moisture

SURFACE PREPARATIONS AND FINISHING

Substrates must be clean and free of dust, oil and grease. It is important to moisten substrates slightly before use as this improves adhesion and finished cell structure of the foam.

PAINTABILITY

Can be painted or covered with sealant/plaster when fully cured.

CLEANING

Fresh foam can be removed immediately with Zwaluw Universal PU-Cleaner. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

SHELF LIFE

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 18 months from production date. Store the canisters in an upright position.

CERTIFICATIONS

- A+ French VOC Regulation



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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