SAINT-GOBAIN

abe® PRO

CONSTRUCTION SEALANT & ADHESIVE

DESCRIPTION

A one-component adhesive and sealant based on hybrid silicone polymer. It cures with moisture in the air to form a strong, flexible, and durable elastomer. It bonds to a wide range of construction materials including glass, metal, rubber, and plastics. Its clear finish makes it ideal for discreet or transparent joint.

USES

- Bonding and sealing clear plastic, glass, and transparent materials
- Display cases, signage, and window frames
- Art and craft applications, jewellery, and decorative assemblies
- General interior and exterior construction joints where clarity is preferred

ADVANTAGES

The sealant provides a crystal-clear finish, allowing for clean, invisible joints. It bonds effectively to damp surfaces, so full drying isn't required before application. It offers primerless adhesion to most common construction materials and is non-corrosive with a neutral cure system. The formulation is free from isocyanates and solvents, making it safer to use. Once cured, it remains permanently elastic and resistant to movement, and delivers a smooth, bubble-free finish when applied correctly.

SURFACE PREPARATION

Surfaces must be clean and free of grease and old glue. Mask smooth surfaces to simplify cleanup.

BONDING/PRIMING

No primer required.

MIXING

No mixing needed. Ready to use straight from the tube.

COVERAGE

Dependent on joint size, approximate coverage is 7.7 m per 290 ml cartridge based on a 6 mm x 6 mm joint.

APPLICATION

- Cut the nozzle at an angle and apply the sealant using a caulking gun, pressing firmly to ensure good contact with the surface. Use masking tape on both sides of the joint to keep the edges neat and protect surrounding areas
- For better control, start applying the sealant while pulling the gun toward you
- Tool the joint within five minutes using a spatula dipped in mild soapy water
- Remove the masking tape right after tooling

TYPICAL PHYSICAL PROPERTIES	
Density	1.06 g/cm^3
Tack-free time	24 min
Sag	0 mm
Shore A Hardness	38
Curing depth (24h)	3.5 mm
Curing depth (7d)	8 mm
Elongation at break	460%
Tensile strength	1.60MPa

PROTECTION ON COMPLETION

Ensure the product is fully cured before subjecting it to mechanical stress or moisture.

Bonds well to damp surfaces, as well as suitable for submerged joints or constant water exposure.

APPLICATION TEMPERATURE

+5 °C to +45 °C

PACKAGING

290ml cartridge.

Other sizes may be available.

HANDLING AND STORAGE

Shelf life: 15 months in unopened packaging.

Storage: +5 °C to +27 °C, humidity 30–70%.

Don't return used material to the container.

HEALTH AND SAFETY

- Keep out of reach of children
- Read all safety instructions
- Refer to MSDS for full guidance

IMPORTANT NOTE

- Data may change
- Users must confirm suitability
- No liability for misuse

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