

Description

It is a single-component gun-grade sealant formulated with acrylic emulsions and special ingredients to enable easy application and efficient sealing of joints between construction components under moderate stress levels. It is designed for immediate use and adept at sealing both internal and external joints in porous substrates like concrete, asbestos, cement, brickwork, and wood. Additionally, it exhibits compatibility with galvanized sheet steel (both PVC coated and bare), stainless steel, or aluminium sheets. WindowGuard is particularly well suited for effectively sealing low movement joints.

Technical Data

Base	Acrylic Emulsion
Consistency	Stable Paste
Curing System	Physical Drying
Skin Formation	20 minutes
Hardness	25±5 Shore A
Specific Gravity	1.66±0.02
Temperature Resistance	-25°C to 90°C
Elongation at break	>200%
Paint Acceptance	Very Good
Maximum Deformation	±15%

Application

WindowGuard is suitable for applications such as:

- **Sealing of duct holes:** It can effectively seal holes in HVAC ducting, preventing air leakage and ensuring optimal system performance and energy efficiency.
- **Insulation foam joints:** The sealant is suitable for sealing joints in insulation foam used in HVAC systems, helping to maintain thermal efficiency and preventing heat loss or gain.
- **Aluminum ducts:** It is compatible with aluminum ducts commonly used in HVAC systems. It provides a reliable seal to ensure proper functioning and performance of the ductwork.
- **MS (Mild Steel) ducts:** Mild steel ducts are frequently used in HVAC installations, and it offers excellent adhesion and sealing properties on such surfaces, enhancing the durability and integrity of the ducting system.

BOND **WINDOWGUARD**

Interior Exterior Acrylic Sealant



- **Galvanized metal ducts:** It can be applied to galvanized metal ducts to seal joints and connections, preventing air leakage and maintaining air quality and system efficiency.
- In summary, It is well-suited for sealing duct holes, insulation foam joints, and various types of ducting materials, including aluminium, mild steel, and galvanized metal ducts, making it a versatile choice for HVAC applications.

Properties

- Very Easy to apply
- Reduces sound transmission in partition system
- UV radiation resistant
- Good adhesion to most building materials
- Good adhesion to most porous materials without needs of a primer
- Permanent Colour
- Non-toxic, No-smell
- Non-Staining
- Environment Friendly
- Weather resistant
- Mess-Free and Easy to clean
- Can be applied on damp (not wet) surfaces
- Non-Flammable
- Paintable

Properties

It is suitable for most building materials.

Surfaces must be clean and dry, free of dirt, wax, oil and grease. No Primer required for aluminium, air-conditioner ducting materials, and most porous surfaces of building materials.

Application Method

- Use an applicator gun (manual or pneumatic caulking gun)
- Application Temperature: +1°C to +30°C
- Clean with white spirit immediately after application
- Finish and tool with soapy water solution before skin formation

BOND **WINDOWGUARD** Interior Exterior Acrylic Sealant



Storage and Shelf Life

24 months for unopened packaging in a cool and dry storage place at a temperature between +5°C to +25°C

Packaging

450g Cartridge in a carton containing 24 cartridges per box

Colour

White and Brown

Joint Size

- Min. width – 5mm
- Max. width – 50mm
- Min. Depth – 5mm
- Recommendation 2 x joint width = joint depth

Safety Measures

Take usual hygiene precautions. Refer to the Material Safety Data Sheet for other safety measures.

Remarks

The Sealant must be protected from water for 24 hours after application. It must not be used on areas where it will be constantly submerged in liquids.



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Disclaimer:

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