

# ALUSIL

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## Technical Data

Basis	Acrylic Dispersion
Consistency	Paste
Curing System	Moisture Cure
Specific Gravity (g/m)	1.67
Skin formation time (20°C/65% R.H.) (min)*	Ca. 20-30
Shrinkage (%)	≤15
Movement Capability (%)	±15
Maximum gap filling capacity (mm)	8
Temperature Resistance (°C)	-20 to +80
Application Temperature (°C)	-5 to +30

\*These values may vary according to ambient conditions such as temperature, humidity, substrate etc.

### Description:

Alusil is suitable for interior and exterior sealing applications of all kinds of door and window joints and connection joints for aluminium, uPVC & wood.

### Properties:

- Easy to use
- For window & door professionals (aluminium, steel & wood)
- Ideal for Indian weather conditions
- UV resistance
- No smell
- Paintable

### Applications:

Specially designed for sealing joints indoors and windows of aluminium, steel & wood.

### Packaging:

Colour: White, Grey, Black  
Packaging: 425g

### Shelf life and storage:

At least 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C to +25°C.

### Health and safety recommendation:

Apply the usual industrial hygiene.  
Consult the label for more information.

### Joint Dimensions:

Minimum Width: 5mm  
Maximum Width: 20mm  
Minimum Depth: 5mm  
Recommendation: joint depth = joint width

Use PE backer rods in case of large joint dimensions to avoid three-sided adhesion.

### Substrates:

All common porous building substrates  
Nature: Clean, free of dust and grease. Not suitable for PE, PP, PTFE (eg. Teflon) bituminous substrates, copper or copper containing materials such as bronze and brass. We recommend a preliminary adhesion test on every surface.

### Application Method:

Method: Apply the sealant by means of a hand held or pneumatic caulking gun. Smoothen the sealant with a filling-knife.

Application temperature: +5°C to +30°C, do not apply when rain or frost are imminent.

Clean: Uncured Windowseal can be removed from tools with water. Cured sealant must be removed mechanically.

Finishing: with water

**Remark:** The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

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**Remarks:**

- Do not use in applications with continuous water immersion.
- Do not apply when rain or frost is imminent
- The paint should be sufficiently elastic to be applied on a plasto-elastic sealant. A preliminary test is recommended.
- Not suitable for natural stone, structural glazing mirror, automotive application.

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**Soudal India Pvt. Ltd.**

Plot No. 200, Sec. 4, Phase - II, Growth Centre, Bawal, Dist. Rewari, Haryana - 123501 (India)  
info@soudal.in | www.soudal.in | +91 8010-114-114