



# Windowseal

## Description

Windowseal is a premium, plasto-elastic, one-component joint sealant based on acrylic dispersion. Due to its unique composition, it minimizes the risk for crazing, even with highly filled and covering paints.

## Properties

- For window & door professionals (uPVC, aluminium & wood)
- Permanently elastic after curing
- Specially formulated for Indian weather conditions
- Colourfast & waterproof
- Very easy to apply
- Improved adhesion to uPVC, aluminum & other porous surfaces including wood
- Suitable for interior & exterior applications

## Applications

- Connection joints in building industry.
- Joints on window sills, between plinths and walls, between masonry, etc.
- Air tight joints between plastered walls and window frames. Sealing between uPVC and glass, treated wood and glass & aluminum & glass.
- Joints around window frames with a max. movement capacity of  $\pm 15\%$ .



## Technical data

Base	Acrylic Dispersion
Consistency	Paste
Curing system	Physical Drying
Specific Gravity (g/ml)	1.5
Skin formation (minutes)	ca. 15 to 30
Shrinkage (%)	DIN 52451 $\leq 15$
Maximum allowed Distortion (%)	$\pm 15$
Temperature Resistance ( $^{\circ}\text{C}$ )	-20 to +80
Application Temperature ( $^{\circ}\text{C}$ )	+5 to +30

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

## Substrates

- Substrate condition  
The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation  
Highly porous surfaces should be primed with diluted Windowseal (1 part Windowseal + 2 parts water).
- Substrate types  
Windowseal has a good adhesion to all common porous building substrates.  
Windowseal has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®), bituminous substrates, copper or copper containing materials such as bronze and brass.  
We recommend a preliminary adhesion test on every surface.



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## Application method

- Application method  
Apply the product with a manual, pneumatic or a battery-operated caulking gun.
- Cleaning method  
Before curing, Windowseal can be removed with water from substrates and tools. Cured sealant must be removed mechanically.
- Finishing method  
Finish with a spatula or putty knife.
- Repair method  
Repair with the same material.

## Joint Size

Minimum Width: 5 mm  
Maximum Width: 20 mm  
Minimum Depth: 5 mm  
Recommendation for sealing jobs: Joint Depth = Joint Width

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

## Health and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.  
Keep the area well-ventilated during use and curing of the product.  
Dangerous. Respect the precautions for use.

## Packaging/Logistics

Colour: White, Black, Brown, Grey, Golden Oak.  
Packaging: 405g Cartridge, 270ml/405g Sausage.  
Shelf life: 12 months from the date of production. The product must be stored in its original, undamaged, and sealed packaging under dry conditions, protected from direct sunlight, and at temperatures between +5°C and +25°C.

## Remarks

- Do not use in applications where continuous water immersion is possible.
- Paintable with most paints, However given the great diversity in available paints, it is recommended to do a compatibility test prior to the application.
- 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 to prevent cracking.
- Not suitable for Mirror and Glass.
- With the expanding range of coatings used in the fenestration industry, sealant compatibility with specific coating systems must be verified; therefore, a preliminary adhesion test is recommended prior to application.

This technical data sheet supersedes all earlier versions. The information provided is based on our tests and practical experience and is supplied in good faith as general guidance only, without creating any liability. Since materials, substrates, application design, and processing conditions vary widely and are outside our control, we cannot accept responsibility for the results obtained from use of this information. The user must verify suitability for the intended application through their own testing, and preliminary trials are recommended in all cases. The manufacturer reserves the right to change product specifications without prior notice.