SOUDAL

Technical Data Sheet

ALUSIL

Technical Data

Basis	Acrylic Dispersion
Consistency	Paste
Curing System	Physical Drying
Specific Gravity (g/ml)	1.67
Skin formation time (23°C/50% R.H.) (min)*	Ca. 20-30
Shrinkage (%) (DIN 52451)	≤15
Movement Capability (%)	±12
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, substrates, etc.
** This information relates to fully cured product.

Description:
Alusil is a one-component, paintable, plasto-elastic sealant based upon acrylic dispersion. Alusil is suitable for interior and exterior sealing applications of all kinds of door and window joints and connection joints for aluminum, uPVC & wood.

Properties:
- Easy to apply
- For window & door professionals (aluminium,steel & wood)
- Suitable for Indian weather conditions
- Crack-free
- Can be painted with water-based systems
- Very good adhesion on many porous surfaces and aluminum

Applications:
Specially developed for sealing interior low-movement connection joints in the building and construction sector, including around aluminum, steel, and wooden window frames.

Packaging:
Colour: White, Black
Packaging: 425g Cartridge

Shelf life and storage:
Shelf life of 12 months from the date of production. The product must be stored in its original packaging under dry conditions, protected from direct sunlight, and at temperatures between +5°C and +25°C.

Health and safety recommendation:
Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information. Dangerous. Respect the precautions for use.

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:
- **Substrate condition:**
  The surface must be clean, dry, free of dust, grease and loose or fragile particles.
- **Substrate preparation:**
  Highly porous surfaces should be primed with diluted Alusil (1 part Alusil + 2 parts water)
- **Substrate types:**
  Alusil has good adhesion to all common porous building substrates, Aluminum & Steel. Alusil has no adhesion or is not suitable for bituminous substrates, glass.

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**

ALUSIL

Application method:

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

Remarks:

- Do not use in applications where continuous water immersion is possible.
- Paintable with most paints.
- The paint must be sufficiently elastic to allow application on a plasto-elastic sealant.
- Given the great diversity in available paints, we recommend to do a compatibility test prior to application.
- Do not apply when rain or frost is imminent.