

# Kali® 971

## PAINTABLE MULTI-SEAL

UNIVERSAL POLYMER SEALANT & ADHESIVE

### DESCRIPTION

Paintable Multi-Seal is a universal grade, general purpose all-weather adhesive sealant based on AST polymer. Combines the properties of both silicone and the polyurethane that makes it an optimum choice for a variety of substrates including: Aluminum, Granite, Ceramics, Marble, Porcelain, Metals, PVC, Glass, Wood, Porous Surfaces (Concrete, Brick, Limestone, etc.).

### FEATURES & BENEFITS

- Does not contain solvent, silicone or isocyanate
- Very Low VOC content
- No bubble formation, even in wet and humid conditions
- Very good UV resistance Over-paintable with water based paints
- No shrinkage
- Does not cause oil stains in panels and porous material
- Non-sag
- Very easy to apply
- No surface tackiness

### INSTRUCTIONS

- Ensure that the surfaces to be sealed are clean, dry and free from grease. A preliminary compatibility test is recommended.
- The application temperature must be between + 5 ° C and +40 ° C.
- Dimensions of the joint:
- Minimum width X Minimum depth: 5mm X 5 mm
- Recommendation: width = 2 x depth
- The joint must be smoothed with spatula within 5 minutes of application to ensure good contact between the sealant and the substrate.
- The adhesive tape must be used where precise lines of joints or clean lines are required. Remove the tape immediately after applying the product.
- An excess of sealant can be removed from tools and surfaces before it cures, using solvent. Once hardened, the material can be removed mechanically.



### APPLICATION AREAS

Sealing and Bonding applications in;

- Window and Door Perimeter
- General sealing and waterproofing
- Roofing and gutter
- Concrete joints
- Metal building construction
- HVAC



IMPORTED AND DISTRIBUTED BY



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### Consumption (approx.)

	12mm	15mm	20mm	25mm	30mm
Joint width	12mm	15mm	20mm	25mm	30mm
Joint depth	5mm	8mm	10mm	12mm	15mm
Joint length /600ml	12 meters	5 meters	3 meters	2 meters	1.3 meters

### Surface Preparation

Following cleaning procedure & materials are recommended:

Glass	Degrease with alcohol or MEK
Aluminum, light alloys & stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Wood	Lightly abrade surface then remove dust
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete & other alkaline Surfaces	Brush & remove dust

### STANDARDS

Meets or exceeds the requirements of the following specifications:

- The requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.
- The French VOC requirements for class A+
- CE marked for EN 15651 for façade applications.

### RESTRICTIONS

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Multi-Seal can be applied to a variety of substrates directly. If not sure, we recommend a preliminary compatibility test.

### STORAGE AND SHELF LIFE

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets at between +5 oC and +25 oC in moisture free conditions.
- The opened products should be consumed immediately.
- Shelf life is maximum 12 months conditional to complying with the aforementioned storage conditions.

### SAFETY & DISPOSAL

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

### Product Specification

Chemical Base	AST Polymer
Curing Mechanism	Moisture Curing
Color	White/Black/Grey
Density	1.530.1 gr/ml
Tack Free Time	10-15 min (23°C and %50 R.H.)
<b>Curing rate</b>	90310 min. (23°Cand %50 R.H.)
Tensile Strength	≥2.3MPa
Elongation at break	≥350%
100% Tensile modulus	≥1.5MPa
Shore A Hardness	50A
Press Ratio	>350ml/min
Liquidity	<1mm
Application Temperature	+5°C to +35°C

\*Curing condition of the sample :23°Cx50%RHx 14 days

### Product Type

Product Type	Volume	Package
White, Grey, Black	300ml	24
White, Grey, Blacke	600ml	12

