



# MULTI-SEAL UNIVERSAL SEALANT & ADHESIVE

**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

Eco Friendly  
Sealing for Wide  
Range of  
Substrates

## APPLICATION AREAS

Sealing and Bonding applications in;

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

## 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.

### Consumption (approx.)

Joint width	10 mm	15 mm	20 mm	25 mm	30 mm
Joint Depth	5mm	8 mm	10 mm	12 mm	15 mm
Joint length /600 ml	12 meters	5 meters	3 meters	2 meters	1,3 meters

### Surface Preparation

Following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol or MEK
Aluminium, light alloys and 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 and other alkaline Surfaces	Brush and 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 °C and +25 °C 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.

## PROPERTIES

<b>Basis</b>	: AST Polymer
<b>Curing Mechanism</b>	: Moisture
<b>Density</b>	: 1,60 ± 0,03 g / ml
<b>Consistency / Color</b>	: Thixotropic paste / White, Grey, Black
<b>Hardness Shore A</b>	: 40±5
<b>Sagging</b>	: 0 mm
<b>Skin Formation Time</b>	: 12-25 min (23°C, 50% R.H.)
<b>Curing Performance</b>	: Min.2,5 mm/24h (23°C, 50% R.H.)
<b>Shrinkage</b>	: < 3%
<b>Elongation at Break</b>	: ≥ 300%
<b>Tensile Strength</b>	: 1,5-2,0 N/mm <sup>2</sup>
<b>Application Temperature</b>	: +5°C to +40°C
<b>Temperature Resistance</b>	: -40 °C to +90°C

## PRODUCT

Product Type	Volume	Package
White/Black/Grey	290 ml	12
White/Black/Grey (Sausage)	600 ml	12

## DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.