

# SANITARY BATH & KITCHEN ACRYLIC SEALANT

**AC578** is a one-component high quality acrylic sealant designed for sanitary applications where constant exposure to moisture is inevitable. Its mold-proof and water resistant properties make it an ideal choice for sealing connection joints between varieties of substrates in wet areas.

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## FEATURES & BENEFITS

- **Mold & mildew proof,**
- **Flexible & crack proof,**
- **Water based & Non-toxic,**
- **Very low VOC content,**
- **Water-proof after curing,**
- Over paintable,
- Very easy to apply and clean,
- Can be used on all porous surfaces such as brick, concrete, wood etc.
- No odour.

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## APPLICATION AREAS

- Sealing joints in areas exposed to moisture and water vapor such as bathrooms, kitchens and warehouses.
- Internal sealing around Pvc window and door frames when there is a risk for mold growth.
- Sealing around baths, sanitary ware, basins and ceramics.
- Application in clean rooms and hospital environments.
- Suitable for joints around swimming pools.
- Sealing around sanitary fittings in domestic and municipal applications.
- Suitable for shower rooms in sports halls or leisure facilities.

Water borne  
Mold proof

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## INSTRUCTIONS

- The joints must be clean and free from dust, grease and rust.
- No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster a primer (mixture of one part acrylic sealant and 4-5 parts of water) can be applied.

- Min/max joint width must be 5mm/25mm. The recommended joint depth/width ratio is 1 to 2. Application temperature is between +5 °C and +35 °C.
- Immediately after the application, smooth the sealant at once with wet finger or a wet tool.
- Excess sealant can be removed by a wet cloth.
- Keep the sealed joint dry at least for two hours.
- Cured sealant can be removed mechanically.

### Surface Preparation

|                                             |                                                              |
|---------------------------------------------|--------------------------------------------------------------|
| 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                                        |

### Consumption (approx.)

|                    |           |          |            |             |          |
|--------------------|-----------|----------|------------|-------------|----------|
| Joint Width        | 5mm       | 10mm     | 15 mm      | 20 mm       | 25 mm    |
| Joint Depth        | 3mm       | 5mm      | 8 mm       | 10 mm       | 12 mm    |
| Efficiency /310 ml | 20 meters | 6 meters | 2,5 meters | 1.50 meters | 1 meters |

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## STANDARDS

Meets or exceeds the requirements of the following specifications:

- CE marked for EN 15651 for façade.
- The requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

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## RESTRICTIONS;

- Should not be applied for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

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## STORAGE AND SHELF LIFE;

The shelf life is 15 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

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## SAFETY & DISPOSAL

Bears no imminent risk to health. Check MSDS guidelines for disposal and further information concerning safety.

## PROPERTIES

|                                 |                                  |                    |
|---------------------------------|----------------------------------|--------------------|
| <b>Basis</b>                    | : Acrylic Dispersion             |                    |
| <b>Consistency</b>              | : Smooth paste                   |                    |
| <b>pH</b>                       | : 7,5-9                          |                    |
| <b>Specific gravity</b>         | : 1,54 ± 0,03 gr/cm <sup>3</sup> | (ASTM D 792)       |
| <b>Tack-Free time</b>           | : 10-30 min (23 °C and 50% R.H)  | (ASTM C 679)       |
| <b>Curing Rate (mm/day)</b>     | : 2 mm/day (23 °C and 50% R.H)   |                    |
| <b>Shore A hardness</b>         | : 30-50 Shore A                  |                    |
| <b>Weight loss</b>              | : %20 ±2                         |                    |
| <b>Volume loss</b>              | : < 25%                          |                    |
| <b>Resistance to flow</b>       | : 0 mm                           |                    |
| <b>Elongation</b>               | : >%350                          |                    |
| <b>Microbial Growth</b>         | : 0                              | (ISO 846 Method B) |
| <b>Modulus 100 % elongation</b> | : ≥0,20 N/mm <sup>2</sup>        |                    |
| <b>Max. tensile strength</b>    | : ≥ 0,40 N/mm <sup>2</sup>       |                    |
| <b>Temperature Resistance</b>   | : -10 °C to +35 °C               |                    |
| <b>Application Temperature</b>  | : +5 °C to +35 °C                |                    |

## PRODUCT

| Product Type          | Volume | Package |
|-----------------------|--------|---------|
| White/Grey            | 310ml  | 12      |
| Grey, White (Sausage) | 610ml  | 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.