

## TECHNICAL DATA SHEET (TDS)

### SILICONIZED ACRYLIC SEALANT

#### 1 – DESCRIPTION

**Siliconized Acrylic Sealant** is one-component acrylic emulsion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity.

#### 2 – PROPERTIES

- Can be used on all porous surfaces such as brick, concrete wood etc.
- Very easy to apply and clean
- Water-proof after curing
- Over paintable
- No odour
- **Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.**

#### 3 - APPLICATIONS

- Sealing of low and medium movement joints between various construction materials (wood, concrete, brick etc.)
- Sealing joints between windows, walls, doors etc.
- Filling cracks in walls and on ceilings.

#### 4 - 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 +40 °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.

#### Consumption (approx.)

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

## 5- PACKAGING

Product	Volume	Package
White/Black/Grey/Brown	310ml	24
White/Black/Grey/Brown (Sausage)	600ml	12
White (Mini Sausage)	80ml	36

## 6- STORAGE AND SHELF LIFE

18 months if stored properly.

## 7- RESTRICTIONS

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

## 8- TECHNICAL PROPERTIES

Basis	: Siliconized Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-8
Specific gravity	: 1,65 ± 0,03 gr/cm <sup>3</sup> (ASTM D 792)
Tack-Free time	: 50 ± 20 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 30-50 Shore A
Ultimate elongation	: ≥300% (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C