

TECHNICAL DATA SHEET (TDS)

M19 ACRYLIC SEALANT

Demsun M19 is one-component universal acrylic sealant suitable for filling cracks and joints both indoors and outdoors. It's a cost-effective plastic-elastic sealant ideal for particularly static joints.

FEATURES & BENEFITS

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

APPLICATION AREAS

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

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.

Multi-Purpose
Water-Based
Acrylic Sealant

TECHNICAL DATA SHEET (TDS)

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

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The French VOC requirements for class A+
- CE marked for EN 15651 for façade (DOP no: CPR-001)
- The requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

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.
- It can be painted barely with paints that are sufficiently elastic.
- Demsun M19 is not elastic; therefore it must not be used in expansion joints.

STORAGE AND SHELF LIFE;

The shelf life is 18 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

SAFETY & DISPOSAL

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

TECHNICAL DATA SHEET (TDS)

PROPERTIES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-9
Specific gravity	: 1,62 ± 0,03 gr/cm ³ (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	: 40 – 70 Shore A
Ultimate elongation	: ≥100 % (ASTM D 412)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C

PRODUCT

Product Type	Volume	Package
White	310ml	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

TECHNICAL DATA SHEET (TDS)

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.