



Adhesives & Sealants TOPSIL AQUARIUM

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

TOPSIL AQARIUM is a high-quality 'SNJF' marine grade, elastic one-component joint sealant based on silicones. It is suitable for marine applications and all usual building applications.

ADVANTAGES

- Very easy application
- Colorfast, UV – resistant
- Temperature resistance –60°C-+200°C
- Stays permanently elastic after curing
- Excellent adhesion on most materials
- High mechanical properties
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APPLICATIONS

- Top sealing of technical glazing applications
- Bonding and sealing of aquariums
- Flexible bonding and sealing in glazing and metal constructions
- Sealing in cold storage rooms, air condition systems and containers
- Sealing in demanding marine applications

INSTRUCTIONS FOR USE

1. Surfaces must be clean, free of dust and grease.
2. Porous surfaces should be primed with ISOCRYL PRIMER DUR, ISOCRYL PRIMER DUR AQUA or PRIMER PU 900
3. Use caulking gun.
4. Repair with TOPSIL AQARIUM.
5. Finish with soapy water before skin formation.

A suitability test is recommended
Not suitable for PVC, PE, PP, PTFE
and bituminous substrates

JOINT SIZE

Minimum Width: 5mm
Maximum Width: 30mm
Minimum Depth: 5mm
Recommendation: 2 X depth = width

REMARKS

Due to the acetic character some metals (copper, lead) can be attacked. **TOPSIL AQARIUM** is not recommended for use on natural stones, marble etc. For applications on natural stones and marble use ALL FIX M-S POLYMER instead.

CLEANING

Clean all equipment with white spirit immediately after use

TECHNICAL CHARACTERISTICS

Base: Polysiloxane
Colour: Transparent.
Consistency: Paste
Curing System: Moisture Cure
Skin formation (20°C/ 65% R.H.): Ca. 7 min
Curing Rate (20°C/ 65% R.H.): 2mm /24h
Hardness (DIN 53505): 25 ± 5 Shore A
Specific gravity (DIN 53479): Ca.1,03 gr/ml
Temperature Resistance: -60°C - +180°C
Elastic Recovery (ISO 7389): > 90%
Maximum allowed Distortion: 25%
Elasticity Modulus 100% (DIN 53504): 0,40 N/mm²
Maximum Tension (DIN 53504): 1,50 N/mm²
Elongation at Break (DIN 53504): 800%
Application temperature: +5°C - +35°C



14 DOP TOP SIL
EN-15651-1:F-EXT-INT-CC
EN-15651-2:G-CC
EN-15651-3:S

STORAGE

In a cool and dry place at temperatures between +5°C - +25°C

SHELF LIFE

12 months in unopened packaging in the above mentioned storage conditions

PACKAGING

Cartridges 280ml Transparent

PACKAGING	CODE	BARCODE
280ml	04029	5204094040293

Evochem®

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HEALTH AND SAFETY INFORMATION

P101 If medical advice is needed, have product container or label at hand **P102** Keep out of reach of children **P103** Read label before use **P501** Dispose of the contents / containers in accordance with the current legislation on waste treatment

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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