

OLIVÉ S-77

PREMIUM SILICONIZED ACRYLIC SEALANT

Technical Data Sheet - Version 5.2 – January '20

PRODUCT DESCRIPTION:

OLIVÉ S-77 is a 1-component, plasto-elastic water based sealant that can be used on a wide variety of applications and surfaces.

OLIVÉ S-77 once dries form a flexible, airtight and water and mildew resistant seal for a wide range of sealing applications. It resists expansion and contraction movements providing waterproof seals.

MAIN BENEFITS:

- Water based.
- Excellent adhesion.
- Very high flexibility without residual tack.
- Contains fungicide.
- Mould and mildew resistant.
- Completely odourless curing.
- Good resistance for outdoor application.
- Paintable.
- Easy to apply and smooth.
- Easy water clean-up.

PRODUCT CERTIFICATIONS:

OLIVÉ S-77 meets the following specifications:

- CE MARKING: EN 15651-1: F-INT
EN 15651-3: S, class S2

ENVIRONMENTAL REGULATIONS:

- French VOC-emission class A+.
- Conforms to LEED® IEQ-credits 4.1 (Indoor Environmental Quality) adhesives and sealants.



PACKAGING INFORMATION:

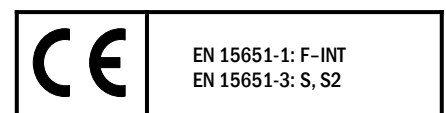
This product is available in 300 ml cartridges. Other packaging is available under request.

COLOURS INFORMATION:

Clear and White. Other colours are available on special order.

STORAGE:

The shelf life is 18 months in its unopened original packaging, in dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

FIELDS OF APPLICATION:



It can be used in sealing cracks and joints on common building materials as ceramic tiles, glass, porcelain, fiberglass, enamel, aluminium, stainless steel, stucco, precast concrete, brick and wood.

Caulking around sinks, tubs and showers.

Sealing joints between countertop and backsplashes.

Sealing joints around bathroom & kitchen fixtures, baseboards, air conditioners, etc.

Sealing board joints and filling cracks in frames wood.

Sealing adjacent materials on both sides of partitions and walls.

TYPICAL TECHNICAL DATA:

Basis:		Acrylic dispersions
Consistency:		Non-slump paste
Specific gravity:	<i>(ISO 2811-1)</i>	Approx. 1,07 g/ml
Skin forming time:	<i>(OQ.16-internal)</i>	Approx. 20–45 minutes (at 23°C; 50% R.H.)
Resistance to flow:	<i>(ISO 7390)</i>	0 mm (at 5°C and 50°C)
Shore A hardness:	<i>(ISO 868)</i>	Approx. 15
Application temperature:		+5°C to +40°C
Service temperature:		-20°C to +80°C

Tensile properties:

ISO 37 (2mm thickness, S2 dumbbells, 7 days 23°C;50% R.H.)

E-Modulus 100%	0,25 MPa
Tensile strength	0,44 MPa
Elongation at break	> 1500 %

These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. The time until complete curing may be extended at lower temperature, higher humidity or increasing film thickness.

DIRECTIONS FOR USE:

Surface preparation and application:

A. Cleaning and joint preparation:

Substrates (joint flanks) must be clean, dry, and free of dust, grease and other contaminant which may affect the adhesion. Painted surfaces must be well cured and free of loose paint. Non-porous surfaces (such as aluminium, glass, etc.) should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles. Mask off the joint edges.

B. Sealant application:

After substrate preparation, apply the product with a professional caulking gun, evenly.

C. Tooling and finishing:

The joint should be tooled and smoothed before skin formation. Press the product and smooth it ensuring good contact with the surface to seal. Smoothing is not only recommended for aesthetic reasons, but also guarantees close contact and good adhesion to the substrate. Use neutral soapy water as a tooling agent.

Remove masking tape.

Uncured product may be easily removed with water. Cured product must be removed mechanically.

Remarks:

Fresh product must be protected from condensed moisture or rainwater, until a solid skin has formed.

The product cures by means of desiccation (water evaporation). High humidity, low temperatures and high joint depth can delay skin formation and curing significantly.

Do not expose to water or rain for at least 24 hours after application.

The product is white and opaque when it is applied, but becomes a transparent sealant when volatile components are dried and evaporated. The time needed to allow the sealant to become transparent depends on different factors such as temperature, moisture and thickness.

The product is compatible with most paint systems. Due to the large number of paints and varnishes available, we strongly suggest a compatibility test before application.

It should not be applied on bituminous or tar containing substrates, and to materials that bleed oils or plasticizers.

Do not use in direct contact with food.

Do not use as a glazing sealant.

It must not be used in contact with untreated metals (oxidation risk).

Do not freeze.

Coverage:

Estimated consumption in linear meters per 300 ml. cartridge (approx.):

Joint width (a):	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	20 mm	25 mm	30 mm
Joint depth (b):									
5 mm	12	10	8	6	5	4	3	2,5	2
8 mm	8	6	5	4	3	2,5	1,8	1,5	1,2
10 mm	6	5	4	3	2,5	2	1,5	1,2	1
12 mm	5	4	3	2,5	2	1,6	1,2	1	0,8
15 mm	4	3,5	2,5	2	1,6	1,3	1	0,8	0,6

Green shades determine the width to depth recommended ratio.

Safety:

Use in well ventilated areas and avoid skin and eye contact. Keep out of the reach of children.

The information regarding the safety of the product is available on safety data sheet (SDS). Before using the product, we recommend to read carefully the SDS and the safety labels.

GUARANTEE INFORMATION:

Krimelte warrants that its product complies, within its shelf life, to its specification.

If any responsibility were to be considered ours, this would be only for any damages and for the value of the merchandise supplied by us and used by the customer. It is over understood that we warranty the irreproachable quality of our products in accordance with our General Conditions of Sales and Supply.

Liability

The information in this document, in particular recommendations regarding the application and final use of our products, are given in good faith based on our knowledge and is the result of tests and experience and are intended as guidelines. It is the responsibility of the user to determine whether the product is suitable for the application. Due to the great variety of materials and conditions, which are beyond our knowledge and control, we recommend carrying out sufficient previous trials.

The property rights of third parties must be respected.

This TDS replaces and supersedes all previous data sheets on the same product.

Olivé

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olive-systems.com

Central
Krimelte Iberia S.A.U.

Avda. Bertrán Güell, 78
08850 Gavà (Barcelona)
ESPAÑA
T. (+34) 936 629 911
mail@olivequimica.com

Krimelte France sarl

Zone Industrielle
Rue Pierre et Marie Curie
59147 Gondcourt (Lille)
FRANCE
T. (+33) 3 20 38 25 54
contact@olivegroupe.fr

Krimelte Portugal S.A.

Estrada de Alfragide, Lote 107
Bloco A2-R/C - Edifício Mirante
2610-008 Alfragide - Amadora
PORTUGAL
T. (+351) 214 262 083
geral@olivequimica.pt

Krimelte UK Ltd.

203 The Bridgewater Complex
Canal Street, Liverpool L20 8AH
UNITED KINGDOM
T. (+44) 151 550 0179
orders@olivequimica.com