



ANTIBACTERIAL

SILICONIZED ACRYLIC SEALANT

PROFI-ACRYL[®] SILICONIZED ACRYLIC SEALANT is a premium sealant formulated to provide a fastsetting pliable seal with minimal shrinkage for joints with higher movement. Suitable for all indoor and outdoor applications, around windows and door frames, wall and windowsill cracks, connections of prefabricated elements, skirting boards. Also applicable for wood siding, installing of PVC and aluminium frames. Recommended for all smaller plaster works before painting. Low-Odor.

Paintable – Antibacterial – UV resistant – Flexible.

PROFI-ACRYL[®] SİLİKONİZE AKRİLİK MASTİK iç ve dış yüzeylerde kullanılmak üzere geliştirilmiş üstün özellikli akrilik esaslı derz dolgu macunudur. Normal akrilik derz dolgulara oranla daha esnek olup özellikle fazla hareketli derzlerde güvenle kullanılır, çekme oranı düşüktür. Prefabrik yapı elemanlarının arasındaki genişleme fugalarında, ahşap, PVC, demir ve alüminyum doğramaların montajında, her türlü doğramanın sıvama, derz birleşimlerinde, süpürgelik ve kiriş aralarında, her türlü yapı malzemelerinin birleşim yerlerinde, boya öncesi çatlak doldurma malzemesi olarak az hareketli tüm genişleme derzlerinde kullanılır. Kokusuzdur.

Boyanalibir – Antibakteryel – UV ışınlarına dayanıklıdır – Elastikidir.

PROFI-ACRYL[®] СИЛИКОНИЗИРОВАННЫЙ АКРИЛОВЫЙ ГЕРМЕТИК Разработан как заполнитель при заделке швов для наружных и внутренних работ. В отличие от обычного герметика имеет большую эластичность. Идеально подходит при заделке швов в таких материалах, как: керамика, ПВХ, алюминий, железные конструкции, кирпич, бетон, все виды штукатурок, а также широко применяется при предпокрасочных работах. Применяется в подвижных местах, не имеет запаха, минимальная усадка при высыхании.

Антибактериальный. Поверхность можно красить. Устойчив к ультрафиолетовым лучам, эластичен.



TECHNICAL DATA SHEET

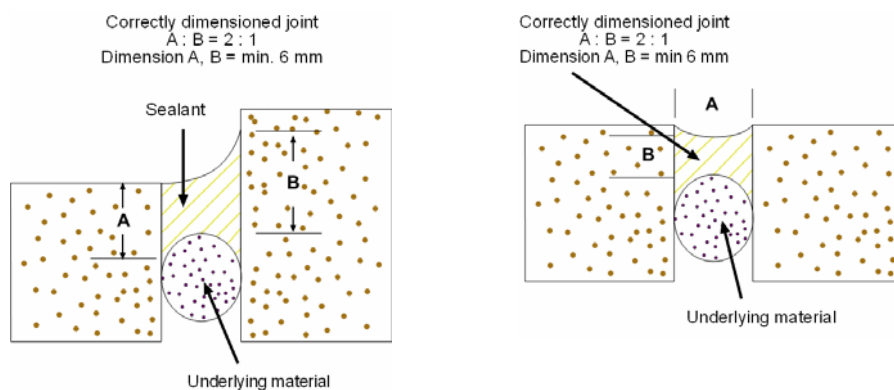
PROFI-ACRYL SILICONIZED ACRYLIC SEALANT (ANTIBACTERIAL)

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Revision No: 2

- Product Description** **PROFI-ACRYL Siliconized Acrylic Sealant (Antibacterial)** is a one component sealant based on styrene-acrylic copolymer, suitable for most interior or exterior applications. Seals on concrete, drywall and wood; excellent for caulking around doors and window frames, siding corner joints, skylights, vents, air ducts and chimneys, where joint movement is moderate. Permanently flexible, paintable, water based. Movement accommodation up to 15%. Designed for interior and exterior applications it is a low odor, solvent free product.
- Properties** **PROFI-ACRYL Siliconized Acrylic Sealant (Antibacterial)** is formulated to provide excellent adhesion for both exterior and interior use. **Adheres** without primer to most of the surfaces like metals, wood, PVC, ceramic, vitreous surfaces, concrete and bricks. **PROFI-ACRYL** forms an airtight and watertight seal upon curing. It helps prevent drafts and cold spots. Easily gunned and tooled. Can be painted after cure with latex or oil based paints.
- Easy application
 - Does not slump in vertical joints
 - Excellent adhesion to porous materials
 - It can be used for sealing on damp surfaces
 - It can be painted once it hardens
 - It is resistant to atmospheric conditions and ageing, also UV resistant
 - Mildew resistant
 - It does not contain solvents
 - Easy to clean with water
 - Colour: white, brown, grey, beige, black (clear upon special request)
- Applications** **PROFI-ACRYL Siliconized Acrylic Sealant (Antibacterial)** is designed for exterior or interior applications such as filling expansion joints, seams and cracks, around doors, windows, sidings and vents. Air-tight seal provides weather protection to wood, metal, concrete, brick, plaster and glass, especially recommended for joints between window frames, doors, plaster tiles and concrete elements and for the repair of small cracks in walls. **Do not use** in rainy weather or places where constant water contact or total water immersion is required. Do not expose the product or use at below zero temperatures.
- Directions** **Surface preparation:** Surfaces to be sealed must be free of dust, grease, wax, loose paint, oil, grout, old chaulk and mildew. Therefore, must be cleaned thoroughly. Apply with hand or pneumatic guns. Smooth with moistened clothe or sponge for neat look.
- Joint and cartridge preparation:** Porous surfaces should first be treated with thinned PROFI-ACRYL Siliconized Acrylic Sealant (one part sealant with two parts water). Primer may be required when in contact with some substrates. Wet the surface with a brush or cloth and leave for a few minutes. Cut the cartridge at the top and screw on the nozzle, which has to be cut according to the width of the joint and placed in the gun. Then apply the sealant by means of a handheld or pneumatic caulking gun. Smoothen the sealant with a filling-knife. During work interruption release the handle on the gun and pull the piston back. The sealant should be applied as evenly as possible. We can use a filling knife to apply the sealant. At the end, level the sealant with an appropriate instrument or a well soaped finger. Wash the application devices with water immediately after use.

Estimated Consumption The table shows how many linear metres of joints we can seal with one 310 ml cartridge relative to the width and depth of the joint.

Joint depth (mm)	Joint width (mm)						
	5	7	10	12	15	20	25
5	12	8	6				
7		6	4	3,5			
10			3	2,5	2	1,5	
12				2,1	1,7	1,2	1,0
15					1,3	1,0	0,8



Cleaning Materials Remove excess sealant before cure with a moistened cloth. Clean up tools with water. Hands and skin with soap and water or wipes.

Note **PROFI-ACRYL Siliconized Acrylic Sealant (Antibacterial)** should not be used

- for joints which are permanently under water (pools, aquarium, etc).
- if temperature drops below +5 °C
- for exterior applications if rain is forecasted

Transportation

Road	ADR:	Free
Sea	IMDG:	Free
Air	ICAO/IATA-DGR	Free
UN-Number		None

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Characteristics	Type of sealant	: Styrene acrylic copolymer based acrylic sealant
	Specific Gravity (non-cured)	: 1,55 +/- 0,03 g/cm
	pH	: 8,5-9,5
	Tack-free time/Curing Time	: Tack free in 30-60 minutes/ Curing 1 day.
	Shore-A hardness (DIN 53505)	: 15-30
	Elasticity (DIN 53504)	: Above 100 %
	Weight loss upon curing	: Approx. 20 %
	Application temperature (°C)	: + 5 °C - 40 °C
	Joint movement capability	: ca. 13-15 %
	Shelf life	: 12 months, in original closed cartridges or drums, stored at +5 – 25 °C
	Cured sealant	: Functions between temperatures -30 – 80 °C.
Colors	White, grey, black or brown (clear upon special request)	
Packaging	<ul style="list-style-type: none">• 310 ml plastic cartridge (25 cartridge/cardboard boxe).• 550 ml or 600 ml foilbag (24 sausages/cardboard boxe).• 5 kg, 7 kg, 10 kg, 20 kg pails• 200 L drums	
	Other ways of packing are available on demand.	
Remarks	<ul style="list-style-type: none">• Do not use in applications where continuous water immersion is possible.• Do not apply when rain or frost is imminent• Can be painted over with most paints.• The paint should be sufficiently elastic to be applied on a plasto-elastic sealant.	
	A preliminary test is recommended.	
Safety	See "Material Safety Data Sheet"	
Warning:	Do not allow to freeze. Do not expose to below-zero temperatures.	

User takes under his responsibility any loss or damage resulting from applicant of primers other than those recommended by Profi-Chemicals. The information herein results from objective testing and our experience it is deemed to be accurate and reliable but is given for your guidance only, without any commitment on our part. Since the method of application and site conditions are beyond our control and affect performance, we shall not be liable for any loss or damage. Prior tests should be made by the user under his own operational conditions.