

Painter's acrylic

High-quality acrylic sealant for reliable window sealing inside and other internal and external expansion joints

Excellent adhesion for commercially available paints and plasters and can be both painted and plastered over

Due to the wide variety of paint and lacquer formulas available, we recommend that you always carry out preliminary testing in order to rule out any interactions. Caution: Sealant joints that have been fully painted over tend to crack when movement occurs in the joint, as the applied paint is generally less elastic than the sealant.

- Highly elastic
- Broad adhesive range on a variety of standard construction surfaces
- Building material class B2 in accordance with DIN 4102
- Silicone-free
- Resistant to ageing, weathering and UV
- Odourless

Our products featuring the EMICODE label are low-emission/low in harmful substances. The EMICODE classification system awards labels to construction products that comply with the very stringent health and environmental requirements of recognised institutes.

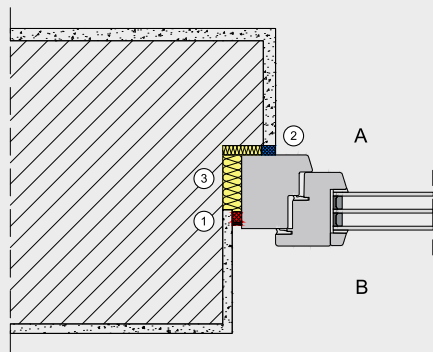


Chemical basis	Acrylic resin dispersion
Continuous motion absorption	20 %
Smell/fragrance	Characteristic
Min. skin-formation time	10 min
Min./max. processing temperature	5 to 40 °C
Recoatable/Can be painted over	Yes

Container	Contents	Colour	Art. no.	P. Qty.
Bag	300 ml	White	0892 162 1	20
Bag	600 ml	White	0892 163 1	20
Cartridge	310 ml	Black	0892 161 4	1/24
Cartridge	310 ml	Brown	0892 161 2	1/24
Cartridge	310 ml	Grey	0892 161 3	1/24
Cartridge	310 ml	White	0892 161 1	1/24

Technical Information

Old building, reveal, internal stop against stop 3



1. PE backfill material, cut-resistant round cord, paint acrylic
2. Sealing tape VKP PLUS, sealing tape VKP MAX
3. 1C gun foam PURLOGIC Top, 1C gun foam PURLOGIC Flex

Details/Application

- For sealing indoor and outdoor expansion joints
- For window sealing in the system with Window and façade-tight. The painter's acrylic is used for indoor sealing and the window and façade sealant for the outdoor sealing.

			Neutral silicone Perfect	Neutral silicone A8 PRO	Neutral silicone	Silicone Colour	Acetate silicon Bathroom unit	Acetate silicon Foodstuffs	Acetate silicon
Applications	Indoors								
	1	Window connection joints	++	++		++			
	2	Expansion joints indoors and outdoors	++	++	*	++	+	+	+
	3	Sanitary joints	+			+	+ (1)		+ (4)
	4	Repair of cracks							
	5	Parquet joints	+	+	+	+			
	6	In aquarium construction						++	
	7	Kitchen area	+	+		+		++	
	8	Display cases					+ (3)		
	9	Counter construction	+	+		+		++	
	Outdoors								
	10	Window and door joints	++	++		++			
	Indoors and outdoors								
	11	Window sealing	++	++					
	12	Insulating glazing edge seal							
	13	Natural stone joints				++			

			Neutral silicone Perfect	Neutral silicone A8 PRO	Neutral silicone	Silicone Colour	Acetate silicon Bathroom unit	Acetate silicon Foodstuffs	Acetate silicon
Important technical properties		Maximum continuous motion compensation	25%	25%	25%	25%	25%	25%	12.5%
		Skin formation time (23 °C/50 rel. air humidity)	approx. 10 min	10-40 min	5-8 min		approx. 20 min	approx. 10 min	approx. 15 min
		Full hardening mm/24 hours	approx. 2	approx. 2	approx. 2		approx. 3	2-3	2-3
		Temperature resistance	-40 °C to +180 °C	-40 °C to +150 °C	-40 °C to +150 °C	-40 °C to +120 °C	-40 °C to +100 °C	-40 °C to +180 °C	-40 °C to +120 °C
		Application temperature	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C
		Can be smoothed with (W = water, DG = smoothing agent, T = dry)	DG	DG	DG	DG	DG1	DG	DG
Special characteristics		DIN 18540 External Wall Joints in Building Construction	-	-	-	-	-	-	-
		DIN 18545 Glazing in Window Construction	+	+	-	-	-	-	-
		Odourless/low odour	-	+	-	+	-	-	-
		Recoatibility 2	-	-	-	-	-	-	-
		Coating compatibility 2	+	+	+	+	+	+	+
		Fungicidal properties	-	-	-	+	+(1)	-	-
		Silicone-free	-	-	-	-	-	-	-
		Can be sanded	-	-	-	-	-	-	-
		Adhesion to wet surfaces	-	-	-	-	-	-	-
		Bitumen compatibility	-	-	-	-	-	-	-
		Resistant to UV, weathering and ageing	+	+	+	+	+	+	+
		Suitable on tension-relieved polycarbonate glass (PMMA)	-	-	-	-	+	-	-
Explanation of symbols: ++ = very good suitability + = well suited 1 = not the crystal-clear version 2 = preliminary tests required 3 = only crystal-clear version 4 = not for swimming pools * = only indoors - = not suitable									

			Window and façade sealing	Natural stone sealant 4-in-1	Painter's acrylic	Acrylic sealant	Parquet acrylic	SMP Sealant
Applications	Indoors							
	1	Window connection joints	++		+			++
	2	Expansion joints indoors and outdoors	+	++	+			+
	3	Sanitary joints		++				
	4	Repair of cracks			++	++		
	5	Parquet joints					++	+
	6	In aquarium construction						
	7	Kitchen area		+				
	9	Display cases						
	10	Counter construction		+				
	Outdoors							
	11	Window and door joints	++					++
	Indoors and outdoors							
	12	Window sealing						++
13	Insulating glazing edge seal		2				++	
14	Natural stone joints	++	++					
Important technical properties		Maximum continuous motion compensation	25%	25%	20%	5%	10%	25%
		Skin formation time (23 °C/50 rel. air humidity)	approx. 30 min	approx. 10 min	approx. 10 min	approx. 10 min	approx. 10 min	10–15 min
		Full hardening mm/24 hours	approx. 2.5	approx. 2.5	1	approx. 1	approx. 1	approx. 2
		Temperature resistance	-40 °C to +90 °C	-40 °C to +220 °C	-25 °C to +80 °C	-20 °C to +80 °C	-25 °C to +80 °C	-40 °C to +90 °C
		Application temperature	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C	+5 °C to +40 °C
		Can be smoothed with (W = water, DG = smoothing agent, T = dry)	DG	DG	W	W	W	DG
Special characteristics		DIN 18540 External Wall Joints in Building Construction	+	-	-	-	-	-
		DIN 18545 Glazing in Window Construction	-	-	-	-	-	-
		Odourless/low odour	+	-	+	+	+	+
		Recoatability 2	+	-	+	+	+	+
		Coating compatibility 2	+	+	+	+	+	+
		Fungicidal properties	-	+	-	-	-	-
		Silicone-free	+	-	+	+	+	+
		Can be sanded	-	-	-	-	+	+
		Adhesion to wet surfaces	-	-	-	-	-	-
		Bitumen compatibility	-	-	-	-	-	-
		Resistant to UV, weathering and ageing	+	+	+	+	+	+
		Suitable on tension-relieved polycarbonate glass (PMMA)	-	-	-	-	-	-
Explanation of symbols: ++ = very good suitability + = well suited 1 = not the crystal-clear version 2 = preliminary tests required 3 = only crystal-clear version 4 = not for swimming pools * = only indoors - = not suitable								

Instructions

- The base material must be load-bearing, clean, dry and free from grease, rust and water
- Adhesion surfaces must be clean, dry and solid
- Adhesion can be improved on absorbent or porous surfaces by using an adhesion primer, e.g. silicone primer
- Please refer to the processing instructions in our sealant guideline. For more information, please refer to the technical data sheet

Proof of performance

Tested in accordance with EN 15651 Part 1

- Fire behaviour: Class E
- Stability under load: ≤ 3 mm
- Volume loss: ≤ 25 %
- Tensile behaviour after immersion in water (at 23°C), ductile: ≥ 100 %
- Durability: Passed

EMICODE EC1plus: Very low emissions: The EMICODE classification system distinguishes the environmental and health compatibility of construction products. The lowest-emission products bear the EC1plus mark.



Notice

- Not suitable for use in building construction joints in accordance with DIN 18540
- Due to the wide variety of paint and glazing formulations, preliminary testing is required in order to rule out any interactions
- Take care with sealant joints that have been fully painted over. These tend to develop cracks when movement occurs in the joint, as the applied paint is generally less elastic than the sealant and then causes cracks to form in the paint
- The setting speed is dependent on the application temperature, the weather and the substrate moisture. The setting speed is significantly delayed in cold, damp weather
- Discolouration may occur in wood containing tannic acid
- For vertical joints, please observe the run-off behaviour of the sealant
- May cause corrosion on metals such as steel, copper and zinc plated surfaces
- Standing water should be prevented in the acrylic joint as this can lead to erosion
- Acrylic is very unstable in terms of water absorption and release. Since the diffusion behaviour also changes as a result of the differences in water adsorption in the material, neither the water vapour diffusion resistance (μ) nor the diffusion-equivalent air layer thickness (SD) can be measured on this material in accordance with DIN EN 12572. The value of 5,000 is the average value obtained through testing.
- Not to be used in conjunction with pre-compressed sealing tapes
- Not suitable for bonding or filling cavities
- Due to the wide variety of paint and glazing formulations available, always carry out your own tests on the area first, especially on alkyd resin paints and powder-coated aluminium
- Sufficient ventilation should be ensured during the curing phase
- A higher coating thickness extends the curing time
- The joint dimensions must be observed, wide joints in particular should be pre-filled with PE backer rod

The usage instructions are recommendations based on the tests we have conducted and our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.

Contents for art. no. 0892 162 1		
Designation	Art. no.	Quantity
Standard application nozzle For bags Transparent	0891 601 001	6
Contents for art. no. 0892 163 1		
Designation	Art. no.	Quantity
Standard application nozzle For bags Transparent	0891 601 001	6

Related products	Art. no.
Cartridge cutter Cutting edge length 30 mm	0715 66 09
Joint smoother geometric shape with angled edges 10 mm	0891 181