



ARDEX SN⁺

Neutral Cure Sanitary Silicone Sealant

Silicone sealant with sanitary finish

Elastic closing of movement, corner and connection joints indoors

Minimises discolouration and is suitable for most surface finishes

Neutral cure and low odour

Good adhesive properties

Sealing joints between masonry, concrete, tile coverings, plaster, metal, glass, wood, aluminum and plastic windows

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ARDEX SN⁺

Neutral Cure Sanitary Silicone Sealant

APPLICATIONS:

Internal area only. Wall and floor. Elastic closing of corner and connection joints.

Connecting joints in

- in bathrooms, showers and WC
- in sink, washing stand
- in living areas such as tiled floors and connections to doors, windows and build in elements

DESCRIPTION:

ARDEX SN⁺ is a one-component, neutral cure sanitary silicone sealant which can be easily applied and smoothed. It is suitable for areas with high humidity such as enclosed indoor, bathtub, sink area, etc. Due to the high elasticity, it is able to accommodate movement up to 25% of the original joint width. After curing, ARDEX SN⁺ prevents fungal and mold infestation. The joint can be cleaned easily.

PREPARATION:

Joints and surfaces must be firm, sound, dry, clean and free from grease, oil, dirt, soap and old paints. To achieve a neater finish and to avoid getting silicone on the tile or stone, mask joint edges with tape. If the silicone is to be applied to copper or brass surfaces, ensure that air is able to circulate.

APPLICATION:

Apply at temperatures between 5°C to 40°C. Trim end of nozzle to obtain the correct bead width and place cartridge in applicator gun. Apply the ARDEX silicone primer that the edges are completely covered to receive a good adhesion if needed.

Apply sealant in a steady continuous bead ensuring good contact with both sides of the joint to achieve the required adhesion. Tool off with a silicone applicator to finish the joint smoothly before a skin forms, approximately 10 minutes. While the silicone is still wet, clean off any excess. If joint edges have been masked, remove tape whilst the sealant is still wet. It is possible to work in sections as ARDEX SN⁺ adheres excellently to already cured ARDEX SN⁺ silicone if it is dry and free from dust.

If the silicone has dried on the surface, clean with white spirit solvent to soften the silicone then scrape off with a blade.

JOINT DESIGN:

Where possible, the silicone should be at a 2:1 ratio (width:depth). For internal joints the width and the depth of the joint should be minimum 5mm. Maximum joint width is 30mm and depth 15mm. The silicone should only be fixed to two surfaces to allow movement.

Hence on flat joints use a polyethylene tape or release agent to prevent a 3 side adhesion of the silicone.

The width of the joint should be determined that a movement of the otherside which should not be higher than 25% can be catered for.

Please observe the following depth of silicone in regard to the width of the joint:

Width	Depth
5-10mm	as width min. 5mm
10mm	8-10mm
15mm	8-12mm
20mm	10-14mm
25mm	12-18mm

Please note:

ARDEX SN⁺ does not replace the necessary sealing measures.

ARDEX SN⁺ cannot be overpainted and cannot be used for loadbearing construction, external areas, swimming pools. ARDEX SN⁺ is suitable for corner and edge joints in internal areas, but not for floors with high mechanical loads.

Although ARDEX SN⁺ is anti fungicide it should be observed that the general rules of cleaning are applied i.e. suitable cleaning agents should be used. Since dirt and soap remains can be a ideal ground for fungus and mold. From time to time the joints should be dried and cleaned with a suitable disinfecting agent.

Opened cartridges can be used over several days, if the nozzle is closed with suitable tap. The dry part in the nozzle should than be removed.

Fresh spills can be removed with a thinner. After curing it is only possible by mechanical means if the substrate is suitable for this.

On painted surfaces and plastic substrates we recommend to do a trial. In contact with bituminous substrate discoloration and disadhasion may occur. Also if iodine developing cleaning agents are used discoloration may appear.

Unsuitable for the following substrates:
Bitumen, butyl, EPDM, rubber, polyethylene, Neoprene, tar and Teflon.

ARDEX SN⁺ does not adhere to polyethylene and Teflon. On the other substrates discoloration may appear.

Open-pore tiles should be taped off with a suitable, smooth adhesive tape. Smoothing agent must not get on the surface of these plates and dry on them, otherwise stains can form.

SAFETY DATA:

Avoid contact with skin and eyes; in case of contact with the eyes, wash out immediately with fresh running water. If irritation continues, seek medical attention. Wear protective gloves, clothing, face and eye protection. Avoid inhaling dust/fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Check with your local Council regarding the disposal of contents. Keep out of the reach of children.

TECHNICAL DATA

Material:	Silicone, neutral-curing system
Components:	1-component
Consistency:	paste like
Specific gravity:	approx. 1.02
Joint width:	up to 30 mm
Processing temperature:	+5°C to +40 °C (Substrate temperature)
Skin-forming time:	approx. 7–10 Min. (Substrate temperature)
CuringTime:	approx. 72 hr (3mm / 23° C, 50% RH)
Temperature resistance:	- 48 ° C to + 120 ° C
Practical expansion:	approx. 25% of the joint width
Tensile strength:	Min. 1.0 N / mm ² (ASTM D412)
Shore Hardness:	approx. 20 ~ 25 (Shore A)
Consumption:	10 x 10 mm: approx. 3 meters per cartridge 3 corner joint: approx. 6 meters per cartridge 5 x 5 mm: approx. 12 meters, per cartridge

On 3 point joints, the consumptions will be reduced by 50 %

*At 23°C and 50% relative humidity (RH). Higher temperatures and high humidity shorten the drying time. lower temperatures and lower humidity prolong the drying time.

Packaging:	Cartridge with 300 ml net, packed in box of 25 pieces
Storage:	Can be stored for approx. 12 months under dry and cool condition (5 - 25° C)

We assume the warranty for the perfect quality of our products. Our handling recommendations are based on trials and practical experience; they can, however, only be regarded as general advice without a quality warranty, as we have not influence on work site conditions and the execution of the work. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations