

PRODUCT DATA SHEET

Davco Elite-A Silicone

A HIGH PERFORMANCE ACETOXY CURE, SANITARY GRADE GUN APPLIED SILICONE SEALANT

DESCRIPTION

Davco Elite-A Silicone is a high performance acetoxy cure, sanitary grade gun applied silicone sealant that is specifically formulated for use with non porous surfaces and cures to form a tough, flexible seal that can accommodate $\pm 25\%$ joint movement and has excellent recovery.

Davco Elite-A Silicone contains a biocide and is ideal for use in wet area applications as it resists the growth of mould and mildew. Davco Elite-A Silicone remains permanently flexible and weatherproof and is recommended for use in internal and external applications.

USES

- Sealing shower recesses, kitchen splash backs, bathrooms, laundries
- Sealing flexible movement and expansion joints
- Sealing around sinks and plumbing fixtures
- Sealing around shower screens and bases
- Sealing around bathtubs and spas
- Sealing around vanities and sanitary ware
- Suitable for ceramic, porcelain and glass tiles

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion to substrates
- Easy to tool
- Excellent weather and UV resistance
- Permanently flexible
- Fast cure rate
- Resistant to mould and mildew growth
- 25% dynamic movement capability
- One part, ready to use
- Primer less adhesion to most substrates
- Low sag Non slump – for horizontal, vertical or overhead surfaces
- Flexible at extreme temperatures
- Internal and external applications

PRODUCT INFORMATION

Packaging	300ml Cartridge
Colour	100 Pearl White, 101 Blackest Black, 102 Silver Fox, 103 Ash Grey, 104 Stormy Grey, 105 Just Beige, 106 Rocky Brown, 107 Earthy Brown, 108 Bare Canvas, 109 Classic Ivory, 110 Misty Grey, 111 Smoke Grey, 112 Quarry Grey, 113 Dusty Brown, 114 Woodland Brown
Shelf life	18 months in original unopened packaging if storage conditions are met.
Storage conditions	Davco Elite-A Silicone should be stored in its original unopened package in a dry area at a temperature of 23°C and a relative humidity of 60%.
Density	~1.03g/ml
Shore A hardness	~20 (DIN 53505)

Movement Capability	±25%
Service temperature	-40°C to +180°C

APPLICATION INFORMATION

Ambient Air Temperature	+5°C to +35°C
Curing Rate	~3mm in the first 24 hours
Skimming time	~15 minutes (23°C/50% RH)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Ensure that the surface is dry and clean. Remove any loose material and all contaminants such as grease, oil and dust prior to applying. The joints must be clean, dry and be free from any excess adhesive or foreign material. It may be necessary to rake joints to ensure a maximum, uniform joint depth is achieved. Porous substrates must be primed with Sika® Primer 3N Adhesion to metals and some surface finishes can be further improved by light abrasion. Mask the sides of the joint to produce a neat finish. Use suitable sized foam backing rod or polyethylene bond breaker tape to prevent three sided joint contact.

APPLICATION METHOD / TOOLS

Cut seal on top of the Davco Elite-A Silicone cartridge. Screw on nozzle and cut nozzle to desired bead size. Fit the cartridge in a suitable gun, hold gun at 45° angle. Push forward, squeezing trigger with even pressure to properly fill the joint, ensure the sealant wets the sides of the joint for optimum adhesion. Tooling must commence within 5 minutes of application, tool the sealant with light pressure to spread the material and to ensure a void free application. If masking tape is used to produce a neat finish, remove the masking tape immediately after tooling, before the sealant skins. Trim with a knife once cured, if necessary.

CLEANING OF EQUIPMENT

IMPORTANT CONSIDERATIONS

- Do not apply the product in temperatures below 5°C and above 35°C
- Not recommended for use in continuous immersed applications
- Not recommended for use in food contact or potable water applications.
- Not suitable for over painting.
- Not recommended for use on aquariums as leaching of the fungicide can occur.
- Not recommended for use on surfaces with special coatings, such as mirrors.
- Should not be applied on wet, damp, frozen, bituminous or contaminated surfaces.
- Should be tested for possible staining or slight colour changes when used with porous, absorptive, rough textured tiles.
- Not a fire rated sealant.

- Davco Elite-A Silicone will not cure in absence of atmospheric moisture.
- Not recommended for use on concrete, zinc, copper, brass, lead and surfaces effected by acetic vapour.
- Not recommended for use with natural stones.
- Colour variations may occur due to exposure to chemicals, high temperatures and/or UV-radiation (especially with the colour shade white). However, a change in colour is purely of aesthetic nature and does not adversely influence the technical performance or durability of the product.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must

be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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