



# Sista Bad Ultra Schimmelresistent

Technical Data Sheet v.2, August 2025

## CHARACTERISTICS

Sista Bad Ultra Schimmelresistent is a neutral-curing sanitary silicone with excellent long-term mold resistance for joints in sanitary areas. (5-year guarantee against mold growth).

The guarantee does not apply if the instructions were not followed when installing the joint. In the event of a justified complaint, we will replace the goods free of charge. All further claims are excluded. Liability in accordance with the applicable statutory provisions remains unaffected.

- ▶ 100% acrylic adhesion
- ▶ 25% movement capability
- ▶ excellent UV-, weather and ageing resistance
- ▶ waterproof
- ▶ non-corrosive
- ▶ odourless during application
- ▶ good resistance against conventional cleaning products
- ▶ good chemical resistance
- ▶ secure adhesion to
  - ceramics, tiles
  - plastic, glass, glazed surfaces
  - enamel, metal, aluminum, copper and zinc
  - Plexiglass® / Acrylic glass, Polycarbonate, hard PVC

## APPROVALS

Sista Bad Ultra Schimmelresistent white has been tested by Hygiene Institut and meet the requirements in terms of microbial metabolic potential in accordance with VDI 6022, sheet 1st and are suitable for use in clean rooms in accordance with VDI 2083, sheet 18th.



## APPLICATION FIELD

Sista Bad Ultra Schimmelresistent can be used for

- Sealing and bonding of joints / expansion joints in sanitary and similar applications
- specially for sealing joints on acrylic bath tubs



## INSTRUCTIONS FOR USE

Sista Bad Ultra Schimmelresistent is supplied ready-to-use and can be applied from the original packaging with no special pre-treatment.

### Surface preparation

All surfaces must be clean and dry, free from any dust and grease or anything which may be detrimental to correct adhesion of the sealant.

Residues of old sealant or other materials as well as mould on the substrate must be removed completely.

To get best sealing results it is recommended to mask edges of the joints with a tape before application of the sealant mass.

### Joint dimensions

When designing joints, ensure that they are sufficiently dimensioned and, to prevent three-sided adhesion, insert closed-cell PE backfill material such as Sista joint filler profile into the joint.

As a general rule, professional, movement-compensating sealing of rectangular joints should start at a minimum joint width and depth of 5 mm to ensure permanent flank adhesion.

In general, the width should be at least 10 mm and no more than 35 mm.

For joint widths up to 10 mm, the depth should be equal to the width; for joint widths between 10 mm and 35 mm, the depth should not exceed half the width.

For triangular joints, the width of the joint flanks must also be at least 5 mm.

### Priming

Sista Bad Ultra Schimmelresistent has good adhesion properties without using a primer on plastic substrates, especially PMMA, and most common surfaces like, glass, ceramics, aluminium, etc.

### Sealant application

Cut the cartridge above the thread, for example using the Sista smoothing cutter, then screw on the cartridge tip and cut it to the width of the joint. Insert the cartridge into the gun. Then apply the sealant without any bubbles.

Immediately after application, smooth the joint with slightly surfactant-containing water (max 5% soapy water) and a suitable smoothing tool. Smoothing off the seal ensures good contact between the sealant and the bonding surfaces. Remove any tape immediately before surface skin is formed. Smooth over any proud sealant edges immediately.

### Cleaning tools

Areas soiled with fresh sealant may be cleaned with a dry pad or a pad soaked in a solvent.

Any cured sealant can be removed by scraping (e. g. using a razor blade) or by using a special silicone remover product.

### Please note

The joint must be cleaned and maintained regularly.

Do not use oxidizing detergents like hydrogen-peroxide for cleaning of the joint, because that could cause discolouration of the sealant.

Take care of a good and regular air circulation in the room where the sealant is applied.

Curing speed is depending on temperature, air humidity and on the dimensions of the joint. Low temperatures, low air humidity or big joint dimensions need longer curing speeds.

Water-treatment of the sealant is possible after approx. 24 hours. Softness of the sealant disappears after approx. 3 days.

## TECHNICAL DATA

### Before curing

Type of silicone	Alkoxy, neutral curing
Appearance	Paste
Density (ISO 2811-1), g/ml	~1,04

### Curing

Skin formation time (+23 °C / 50% RH), min.	~30
Curing speed (+23°C, 50% RH, cross-section of joint 20x10mm), mm/day	~2,5
Application temperature, °C	+5 to +40

### After curing

Shore A hardness (ISO 868)	~20
Movement capability (ISO 11600), %	25
Max. joint width, mm	30
Change of volume (ISO 10563), %	~6
Temperature resistance, °C	-50 to +120

## LIMITATIONS

Sista Bad Ultra Schimmelresistent is not recommended for

- joints that are in direct contact with food
- structural glazing applications
- swimming pool joints, aquarium joints or applications under water, natural stone (e.g. marble, granit)
- applications on PTFE (Teflon®), or polyethylene (PE)
- materials which can exude certain components over time (butyl sealant, EPDM rubbers, polychloroprene, etc.) Otherwise discoloration or reduction of adhesion properties could take place.
- Sista Bad Ultra Schimmelresistent seals must not be overpainted (poor covering and adhesion of the paint).
- Before using Sista Bad Ultra Schimmelresistent on painted substrates, paint has to be completely dry and cured.
- Prior compatibility tests are recommended, considering the variety of paints that exist.
- For any applications on sensitive surfaces carry out preliminary testing to check compatibility with the sealant.

## Storage

Store Sista Bad Ultra Schimmelresistent in a cool and dry place between +5 °C and +25 °C.

Shelf life is 12 months in the original packaging after date of manufacture (the expiry date is shown on the packaging).

## Packaging

- range at (6x6mm) triangular joint, approx. 14 meters

Article abbreviation	Color	Container
SBSBW	white	Cartridge 280 ml
SBSBG	silvergrey	Cartridge 280 ml
SBSBM	manhattan	Cartridge 280 ml
SBDWH	white	Spender 100 ml
SBDHG	silvergrey	Spender 100 ml

## HEALTH AND SAFETY

It is recommended to consult the current safety data sheet for precautions and safety advice before starting processing. The safety data sheet is available at [www.mysds.henkel.com](http://www.mysds.henkel.com). For Information for allergy sufferers on Tel. 0049 (0)211 797 0 (keyword emergency)



## DISPOSAL

Small dried quantities can be disposed of as household/commercial waste. Dispose of large quantities separately. Recycle empty packaging. The European waste number can be found in the Safety Data Sheet.

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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