

PRODUCT DATA SHEET

Sika BlackSeal® BT

BUTYL RUBBER BASED CONSTRUCTION SEALANT AND ADHESIVE

DESCRIPTION

Sika BlackSeal® BT is a butyl rubber based 1-component joint sealant and adhesive with good adhesion to most common construction materials.

USES

Sika BlackSeal® BT is designed for external sealing, bonding and repairing applications on roofs, walls and other building elements.

CHARACTERISTICS / ADVANTAGES

- Bonds to many construction substrates
- Does not require primer
- Easy to handle
- Can be applied on damp substrates
- High solids formulation - excellent gap filling properties without shrinkage

PRODUCT INFORMATION

Composition	Butyl rubber
Packaging	300 ml cartridges, 12 cartridges per box
Colour	Black
Shelf life	Sika BlackSeal® BT has a shelf life of 24 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage conditions	Sika BlackSeal® BT shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C.
Density	~ 1.80 kg/l (ISO 1183-1)
Solid content	~ 85 %

TECHNICAL INFORMATION

Service Temperature	-20 °C min. / +70 °C max
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APPLICATION INFORMATION

Sag Flow	< 3 mm (20 mm profile, 23 °C) (ISO 7390)
Ambient Air Temperature	+5 °C min. / +40 °C max.
Substrate Temperature	+5 °C min. / +40 °C max., min. 3 °C above dew point temperature

APPLICATION INSTRUCTIONS

For the application of Sika BlackSeal® BT all generally accepted rules of building and construction apply.

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance and other poorly adhering contaminants must be removed.

APPLICATION METHOD / TOOLS

Sika BlackSeal® BT is supplied ready to use. Insert a cartridge into the sealant gun and extrude Sika BlackSeal® BT into the joint or onto the bonding substrate.

For lap joints, apply a sufficient amount of Sika BlackSeal® BT to bridge the gap and then press the surfaces together while they are still tacky, leaving a 2 mm sealant film.

When using as an adhesive, press the surfaces together, pull them apart and wait for ~ 10 minutes until Sika BlackSeal® BT is tack-free, then press the surfaces together again.

CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use with Colma Cleaner or Sika® Top Clean T. Once cured, residual material can only be removed mechanically.

FURTHER INFORMATION

- Safety Data Sheet

IMPORTANT CONSIDERATIONS

- Sika BlackSeal® BT cannot be overpainted.
- Do not use Sika BlackSeal® BT for submerged joints.
- Do not use Sika BlackSeal® BT as a glass sealer.
- Before using Sika BlackSeal® BT where it would come in contact with other sealants / adhesives compatibility must be tested.
- Do not use Sika BlackSeal® BT to seal joints in and around swimming pools.
- Do not use Sika BlackSeal® BT on natural stone.
- Do not use Sika BlackSeal® BT in direct contact with other sealants and/or adhesives.
- Before using Sika BlackSeal® BT on plastic substrates compatibility must be tested.

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 performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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