

Universal

Multi Purpose %100 Pure Silicone Sealant

Product Description:

Bostik Universal is a polysiloxane-based, one component general purpose, solvent free, %100 pure acetoxycuring silicone sealant that hardens with air.

Areas of applications:

- Door and windows frames
- In bathrooms and kitchens
- In the joints of bath tub/wall, basin/wall, sink/bench

Features:

- A ready-to-use, one component sealing material
- Solvent-free
- %100 silicone
- Easy to apply
- Permanently elastic
- Resistant to aging, weather conditions and UV lights
- Resistant to abrasion
- Unaffected by weather conditions approximately one hour after the application (at 20°C)
- No other materials adhere on the dried surfaces
- Does not keep paint on
- The flexible material that is obtained with the completion of the hardening process is not affected by the temperature differences between -40°C and +180°C

Technical data:

Colour	Transparent, white, black, grey
Tensile Strength MPa (DIN 53504)	> 2,0
Elongation @ Break (DIN 53504)	≥ 500%
Modulus @ 100 % Elongation MPa (DIN 53504)	≥ 0,35
Shore A Hardness (DIN 53504)	~ 30
Density (gr/cm ³)	1,02 ± 0,02
Expansion Ratio in Joints %	Max. 25
Skin Formation Time min)	~ 15
Curing Speed	2 mm/day
Final Curing (20°C 50 Rh)	14 days
Heat Resistance	Between -40°C and +180°C
Run Temperature	Between +5°C and +40°C

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%.

Preparation of the substrate :

- The application surfaces should be strong, sound, stable clean, dry and grease- and dust-free.
- Both sides can be taped in order to obtain a smooth filling.

Application:

- Before the application, the tip of the cartridges is cut and a plastic cap is fixed.
- The tip of the cap is cut according to the width of the surface and fixed to the cartridge gun.
- The joints should be filled at one time and without gaps during the application.
- After the joints are filled with acrylic, the surface is smoothened with a spatula or wet sponge immediately.

Warning: Bostik is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. It is not possible to give a guarantee for the results of operations for individual cases, due to multiplicity of possible uses and storage and processing conditions of the product, which are not under our control. Where necessary, the user should make their own tests. Due to local regulations, product performance may vary from country to country. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved. In cases concerning the safety of the products, the material safety data sheet (MSDS) containing this information should be consulted.



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- The adhesive tape should be removed afterwards.
- The opened packages should be consumed as quickly as possible.
- The application is recommended at temperatures between -10°C and +40°C.
- Do not apply in rainy weather.

Cleaning after the application :

- The contaminated areas and used tools should be cleaned with white spirit or alcohol within 10 minutes.
- It is cleaned only mechanically after cured.

Limitations :

- Do not use for structural glazing.
- Not recommended for continuous water immersion applications.
- Not recommended for use with marble and similar highly porous stone finishes whose appearance may be affected by sealant.
- Acetoxym sealant is not recommended for use on materials where the cure by-product (acetic acid vapor) may cause corrosion or discoloration or where the sealant may affect their appearance (e.g., galvanized iron, copper, brass, zinc-coated steel and other metals; or concrete, cement, brick, limestone, marble and similar highly porous stone finishes).
- Not recommended for use in the construction or sealing of aquariums.
- Cannot be painted, as paint will not adhere to sealant.
- Acetoxym sealant is not recommended for use on plastic sheeting.
- Do not apply at temperatures below -10°C or when substrate surface temperatures exceed +50°C.

Safety :

Eyes should be washed with water before it gets hardened as it contains acetic acid.

Coverage:

The amount of use varies according to the joint sizes.

Width of joints (mm)	Depth of joints (mm)	Length of joints (m) 310 ml cartridges
5	5	~12
10	6	~5
20	10	~1,5

Packaging:

In 310 ml plastic cartridges / 25 pcs in one box

Storage:

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets at between +10°C and +25°C in moisture free conditions.
- The opened products should be consumed immediately.
- Maximum 4 boxes are stacked on each other.
- Shelf life is maximum 1,5 year conditional to complying with the abovementioned storage conditions.

Health and Safety Information

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Safety Data Sheet.

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