

WeatherSeal

Facade Silicone

Product Description:

Bostik WeatherSeal is a alcoxy-based silicone that is specially designed for sealing of exterior facades and suitable for multipurpose use both interiors and exteriors with its neutral characteristics.

Areas of applications:

- Sealing for both of weatherproofing and waterproofing of curtain wall

Features:

- A ready-to-use, one component sealing material
- Solvent-free
- Permanently elastic
- Resistant to aging, weather conditions and UV lights
- 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

Technical data:

Colour	Black
Breaking Strength MPa (DIN 53504)	≥ 1,3
Elasticity % (DIN 53504)	≥ 800
Shore A Hardness (EN ISO 868)	~30
Density (gr/cm ³)	1,5 ± 0,05
Tensile Properties (EN ISO 8339) -Secant Modulus (MPa) -Elongation at break (%)	≤ 0,4 (23 ⁰ C) ≤ 0,6 (-20 ⁰ C)
Joint movement capability (%)	± 25
Elastic Recovery (EN ISO 7389) (%)	≥%70
Surface Drying (min)	~ 12
Resistance to flow	≤3mm
Hardening Duration (mm / day)	2
Heat Resistance	Between -50°C and +180°C
Operating Temperature	Between +5°C and +40°C

Depending on demand and quantity, it can be also produced in different colours.

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

Preparing the substrate :

- The application surfaces should be strong, clean, dry and grease- and dust-free.
- The joint surfaces should be free of adhesive preventive foreign substances residues and wastes.
- Both sides should be taped in order to obtain a smooth filling.
- It is recommended to use a primer to the surface to improve the adhesion. Especially for porous surfaces primer is required, the selection of suitable primer is important.

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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Application:

- Before the sealant application for optimum performance the joint width needs to be designed according to the DIN 18540 and a width / depth ratio of 2:1 must be respected.
- For backfilling it is recommended to use closed cell, sealant compatible polyethylene foam backer rods should be placed on the joints in order to prevent three-sided adhesion of sealants.
- 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 silicone, the surface is smoothened with a spatula immediately.
- The adhesive tape should be removed afterwards.
- The opened packages should be consumed as quickly as possible.
- Do not apply in rainy weather.

Cleaning after the application :

- The contaminated areas and used tools should be cleaned with suitable cleaner.
- It is cleaned only mechanically after cured.

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 300 ml cartridges / 25 pcs in one box

In 600 ml sausages / 20 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 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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