

Construction

Neutral Construction Silicone

Product Description:

Bostik Construction is a alcoxy-based silicone that is suitable for multipurpose use both interiors and exteriors with its neutral characteristics.

Areas of applications:

- Mainly as joint sealing material in construction sector
- For insulation of joinery, sanitary system, bathroom, kitchen, sink, etc.
- In the joints of floors, walls and ceilings
- All kinds of joint insulation
- In the production and fitting of shower cabins
- As filling material in cladding and silicone facades

Features:

- A ready-to-use, one component sealing material
- Does not contain materials that are toxic and harmful to human health
- 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
- Resistant to detergent water and diluted acids
- Antibacterial

Technical data:

Colour	Transparent, white, black, grey, brown
1 st group special colour	RAL 1013, RAL 1015 RAL 5002, bronze, silver
2 nd group special colour	RAL 2004, RAL 3000, RAL 3011 RAL 5012, RAL 6005, RAL 3003 RAL 7003, RAL 1019, RAL 7037 RAL 7040, RAL 7005, RAL 8001 RAL 8007, RAL 9001, RAL 8004
Breaking Strength MPa (DIN 53504)	≥ 1,3
Elasticity % (DIN 53504) (transparent)	≥ 450
Elasticity % (DIN 53504) (with filling)	≥ 350
Elastic Modulus at 100% elongation MPa (DIN 53504)	≥ 0,3
Shore A Hardness (53505) (transparent)	>15 - 25
Shore A Hardness (53505) (with filling)	>25 - 35
Density (gr/cm ³) (transparent)	1,00 ± 0,02
Density (gr/cm ³) (with filling)	1,35 ± 0,02
Expansion Ratio in Joints (%)	25
Surface Drying (min)	~ 8
Hardening Duration	2 mm/day
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.
- 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 silicone, the surface is smoothed with a spatula immediately.
- 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.

Coverage:

The amount of use varies according to the joint sizes.

Width of joints (mm)	Depth of joints (mm)	Coverage at 1m (mm)	Coverage gr / m
5	5	25	33,75
10	10	100	135,00
20	12	240	324,00

Packaging:

In 310 ml 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 palettes.
- 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.

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. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved.



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