

2720 MS

Hybrid Sealant

Product Description:

Bostik 2720 MS is an MS polymer-based, one component, hybrid joint-filling sealant that does not contain solvent or isocyanate and can be applied for multi purposes. It is produced according to German DIN 18540 F norms by the polymer institute and suitable for painting according to German DIN 52452 / Chapter 4 norms. The paint should be tested before use.

Areas of applications:

- Used for the insulation of mainly high buildings and all indoor and outdoor expansion joints in the building
- In all constructional areas; for example, in the window, door and roof parts
- In the joints of wooden and metal constructions
- In the connection details of prefabricated materials
- In the facade and metal curtain coats

Features:

- Waterproof; becomes elastic and soft with air humidity
- Unaffected by weather conditions and expansion
- Free from solvent and odourless
- Very good UV resistance
- One component
- Over-paintable
- No bubble formation
- Slight shrinkage
- Excellent elasticity and very good adhesion strength
- Does not contain solvent, silicone or isocyanate

Technical data:

Colour	White, black, grey, dark brown
Base	MS Polymer
Hardening System	With air humidity
State of Condition (DIN 52454-ST-U-26-23)	< 2 mm
Spraying Amount (DIN 52456-6 mm)	> 100 gr/min
Density (DIN 52451-PY)	1,5 gr / cm ³
Skin Formation Time (+23°C / 50% r.F.)	2 – 3 hours
Proper Curing Time (+23°C / 50% r.F.)	~ 2 mm / 24 h
Volume Loss (DIN 52451-PY)	< -3%
Tensile Strength (2 mm Film)	~ 2,5 N / mm ²
Elongation at break – Tensile value (DIN 52455 NWT-1-A2-100)	~ 0,3 - 0,4 N /mm ²
Shore A Hardness (53505, 4 weeks 23°C / 50% r.F.)	~ 25
Revering Back to Its Original State (DIN EN 27389-B-200)	>70%
Expansion Ratio (depending on joint width)	25 %
Heat Resistance	Between -40°C and +80°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%.

Preparing the substrate :

- For the formation of the joints, DIN 18540 norm is regarded as measure. The triangle joints should be closed. Polyethylene foam pre-filling profiles definitely prevents Bostik 2720 MS on the joint base from adhering. Pre-filling materials should be in compliance with Bostik 2720 MS.

- Before using a primer, for example anodic aluminium, concrete galvanized steel sheet, hard PVC, polystrol and makrolon can be used. Primer is needed for porous surfaces.
- The application surfaces should be clean, dry and grease- and dust-free.
- All surface materials should comply with Bostik 2720 MS and DIN 52452 / Chapter 1. For example, bituminous and greasy products do not comply.
- The adhesion and compatibility with plastic and acrylic materials should be tested.
- The compatibility of coated surface applications (for example, hydrophobic facades) should be pre-tested.
- In order to provide a smooth filling, both sides can be taped.

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 sausage package is cut from one edge and fixed to a suitable gun.
- The cap nut is screwed to the cylinder of the gun.
- The joints should be filled at one time and without gaps during the application.
- The surface of Bostik 2720 applied in the joints should be smoothened with a dampened spatula, glazing tool, joint iron or by hand immediately.
- The adhesive tape should be removed afterwards.
- The opened packages should be consumed as quickly as possible.

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.

Safety :

It contains aminocylan. It may cause allergic reactions.

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	37,50
10	10	100	150,00
20	12	240	360,00

Packaging:

In 290 ml plastic cartridges / 25 pcs in one box

In 600 ml sausages / 20 pcs in one box (excluding dark brown)

Storage:

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden palettes between +5°C and +25°C.
- The opened products should be consumed immediately.
- Maximum 8 boxes are stacked on each other.
- Shelf life is maximum 9 months 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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