



Bostik

smart adhesives

Flex'n'Paint

TECHNICAL DATASHEET

Version: 2018-08-10

PRODUCT DESCRIPTION

Flexible and shrink-free SMP-based sealing and grouting compound for inside/outside use that provides a permanent elastic joint. Can be overpainted.

AREA OF USAGE

Use for expansion joints between different parts of the building or sealing that requires a weather-resistant joint. Can be overpainted with most types of paint without the risk of cracks forming or insufficient adhesion of the paint. Expansion joints require that the paint selected has the same ability to absorb movement as the grouting compound. Non-drip and resistant to cold, sunlight and moisture with a high degree of adhesion to most types of construction material without primers (non-greasy plastics PP/PE/PTFE, bitumen). Can handle joints movements of up to 25%. Expansion joints need to be grouted with a retainer strip and require the joint depth to be at least half the joint width. Narrow joints (5-10 mm) require the joint depth to be the same as the joint width (1:1). Use Primer 5075 when joining expansion joints in facades. Drying times for alkyd-based paints can be extended when there is paint on the joint – perform a test.

WORKING INSTRUCTION

The surfaces should be clean and free of grease. Also adheres to damp surfaces. Check whether adhesive primer is necessary if the surfaces are porous or need to be padded.

Start by opening the cartridge with a suitable cutting tool/knife. Screw on the nozzle and cut off the top at an angle of 45 degrees. Adjust the opening to the width of the joint opening.

Apply the grouting compound to the substrate at such a rate that you can check that adhesions with the substrate is good. The grouting compound must fill the entire joint opening and attach to the sides of the joint. This is especially important when the grouting compound is used on vertical surfaces or in ceiling/wall angles.

Smooth off the joint with suitable tool so that the surface is even (moisten the tool). Smoothing off is important to ensure correct adhesion for the lifetime of the grouting compound (especially important in an outside environment). Start to smooth off within 10-15 minutes at the latest.

SAFETY

The product fulfills the stringent requirements in terms of the environment and health and safety at work and emits low levels of emissions. For further information, always consult the relevant safety data sheet before using the product.

TECHNICAL DATA

| Properties before application | |
|-------------------------------|---|
| Material type | Flexible SMP-type compound |
| Setting system | Sets through moisture in the air |
| Density | 1.45 kg/l |
| Colour | White (closest colour match S0500-n) |
| Storage temperature | Min. +5°C, but when being used it is not sensitive to frost even at low temperatures. |
| Properties after application | |
| Operating | |

| | |
|-----------------------------|---|
| temperature | +5°C to +40°C |
| Temperature resistance | -40°C to +90°C |
| Skin formation time | 25-30 minutes |
| Can be overpainted after | After 24 hours |
| Completely dry joint | 2-3 mm joint depth per day |
| Hardness | 29 Shore A |
| Movement absorption ability | ±25% of the original joint width |
| Can be overpainted | With water-based dispersion paint and a range of other types of paint. Overpainting with alkyd oil-based paints can result in delayed drying of the paint. Perform a test. Consult Bostik's Guide for painting joints before starting work. |

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Disclaimer: The technical data we present, as well as our instructions and recommendations are all based on a variety of tests and our experience. They are intended to help the user to find the most suitable working method and get the best possible results. Since the users working conditions is beyond our control, we cannot accept any responsibility for the results obtained by the product.