



# P26 POLYMER

## PROFESSIONAL GRADE POLYMER SEALANT

Date: 27 June 2022

Fact Sheet No.: TDS02193

### YOUR SMART ADVANTAGES

- Excellent UV, weather and water resistant.
- High modulus formulation.
- High movement capability.
- Suitable for Interior and exterior use.

### USES

BOSTIK P26 POLYMER is a professional grade hybrid polymer, developed for weatherproofing exterior joints subject to high movement and remains permanently elastic. High modulus, UV, weather and water resistant, solvent free and is suitable for interior and exterior applications.

With improved gunning and tooling properties. BOSTIK P26 POLYMER is suitable for façade and expansion joints in both horizontal and vertical orientation.

BOSTIK P26 POLYMER is a mould resistant formula and is subject to minimal shrinkage and no outgassing during cure. This high modulus product demonstrates good adhesion to a very wide range of common construction materials and is tolerant of use in damp conditions.

Meeting the requirements of BS EN 15651:2017- parts 1, 3 and 4; sealants for facade, sanitary and pedestrian walkway joints. BOSTIK P26 POLYMER is also a very Low Emission Product Certified to GEV-Emicode EC1+ Level.

### PRODUCT CHARACTERISTICS

Colour	White and Black
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Form	Soft gunnable paste
Odour	Slight
Shore A hardness	50 approx.
Composition	Hybrid Polymer
Product Code	30623015 White 290ml x 12
Supplied in PCR Cartridges.	30623176 Black 290ml x 12
Storage/Shelf Life	Up to 18 months.*

### TYPICAL IN HOUSE PERFORMANCE DATA (Approx.)

100% modulus	1.1 N/mm <sup>2</sup>
Application rate	Approx 150 g/min
Application Temperature	+5°C to +40°C
Curing time	2-3mm mm/24 hours
Density	1,55 g/ml
Elongation at break	350%
Flow	< 2 mm
Joint movement	25%
Skin formation	10 minutes @ +23°C/50% RH Always tool sealant within the given skin formation time frame
Service Temperature	-40°C to +150°C

Tensile strength	>2.0 N/mm <sup>2</sup>
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## DIRECTIONS FOR USE

IMPORTANT: Before using BOSTIK P26 POLYMER refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk)

## STORAGE CONDITIONS

\*Store for up to 18 months from Production date when stored in original, unopened packaging under cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

## PREPARATION

1. Work in warm (+5°C to +40°C) well-ventilated conditions.
2. Ensure you have all necessary materials required.
3. Joint surfaces must be clean, sound and free from dust, loose material and other contaminants that may impair adhesion. The product is tolerant of damp conditions, should the surfaces be awash consider discontinuing usage.
4. If desired, place masking tape along the joint edges before application. This can make it easier to make a neat, tooled finish and not contaminate nearby surfaces. Use a spatula with a round end to tool the sealant and check that it fits into the gap between the masking tape so that it catches the excess sealant.
5. Do a test run without applying any sealant to 'get a feel' for the difficult areas to seal such as corners and raised joints.

## APPLICATION

1. Unscrew the nozzle, and using a sharp knife, carefully cut off the dome of the cartridge, taking care not to damage or shorten the thread. Screw the nozzle onto the cartridge.
2. Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.
3. Fit the cartridge into the cartridge gun by pressing the release plate and pulling out the plunger. Insert cartridge and repeatedly squeeze the trigger until the sealant appears.
4. Place the nozzle at the start of the gap, and gently squeeze the trigger. Push forward slowly, ensuring that contact is made by the sealant with both sides of the gap. At the end of the run, release the trigger and press the plunger release plate of the gun to stop the flow of material.
5. A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. Backer rod should be used to facilitate this.
6. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10mm is 1:1, with a minimum of 5 mm in width and depth.
7. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.
8. Within the working time of the product Smooth the sealant with a wet, round ended tool (do not use a wetted finger), remove any excess with a cloth moistened with white spirit and then remove the masking tape (if used) from either side of the bead.
9. If the application is in a damp or wet environment, the sealant must be tooled to allow the water to run off the surface.
10. After use, ensure to wipe away any excess sealant from the nozzle. Replace the cap if appropriate.
11. The sealant skins over (approx. 10 minutes) and is fully cures through approx. 2-3 mm/ 24 hours depending on bead width, temperature and humidity.

## CLEANING

### Uncured Sealant:

Excess uncured sealant should be removed mechanically using a soft scraper. The remainder can be removed using a cloth just moistened with white spirit or soapy water. Repeat using another clean cloth moistened with white spirit or soapy water.

### Cured Sealant:

There is no adequate solvent; carefully cut away excess with a very sharp knife. Do not use solvent to remove product from skin – use soap and water.

### Regular Cleaning:

To maintain the appearance of the sealant regular cleaning should be undertaken.

## \* PAINTABILITY

BOSTIK P26 POLYMER is paintable with water based and 2 component paints.

The use of solvent Bourne alkyd resin paints is not recommended as drying times are extended.

The material should be left for 48 hours prior to applying any water based paints and areas of high movement should not be over coated.

## PRECAUTIONS IN USE

BOSTIK P26 POLYMER cannot be applied to surfaces which have frost or ice on them. Do not use in swimming pools or under constant water immersion. Do not use for aquarium applications. Prevent entry of uncured sealant into drains or watercourses. Do not use on or against bitumen. Not suitable for bedding double glazed/insulating glass units into frames.

Compatibility of the edge seals of insulation glass with sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the manufacturer without notice. Any advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.com/uk](http://www.bostik.com/uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instructions, first aid measures and spillage and disposal instructions see separate Health and Safety Data Sheet for BOSTIK P26 POLYMER, available at [www.bostik.com/uk](http://www.bostik.com/uk)



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<b>EN 15651-1</b> F-EXT-INT-CC <b>EN 15651-3</b> S <b>EN 15651-4</b> PW-EXT-INT-CC	<b>EN 15651-1</b> F-EXT-INT-CC <b>EN 15651-3</b> S <b>EN 15651-4</b> PW-EXT-INT-CC
Sanitary & Façade Sealant, suitable for pedestrian walkways	Sanitary & Façade Sealant, suitable for pedestrian walkways



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