

# Powermastik

## NON DRYING SEALANT

### TECHNICAL DATA SHEET

#### SMART ADVANTAGES

- NON-DRYING
- 100% WATERPROOF
- SELF-HEALING PROPERTIES

#### DESCRIPTION

Bostik Powermastik is a non-drying, oil based mastic, which provides a durable, waterproof seal for gutters, roof bolts, ducting, windows and doors. It forms a protective self-healing skin on the surface keeping the body of the mastic permanently flexible in order to accommodate any structural or thermal movement on the surface. If the skin is cut, the oils beneath will flow and reseal the damage. It remains flexible over a wide range of temperatures, and has excellent adhesion to most materials used in construction and can be overpainted to achieve the desired colour.

#### APPLICATIONS

- Sealing of asbestos, PVC, galvanized iron and aluminum gutter sections & down pipes.
- Sealing overlap joints of roofing sections, air conditioning ducting joints and seams.
- Sealing of windows and door frames.
- Sealing of roof bolts.
- Placing window sills, frames and other fittings where a waterproof seal is needed.

#### ADHESION

Exhibits excellent adhesion to PVC, polycarbonate, fiberglass, aluminium, steel, galvanized iron, tin plate and other non-ferrous metals, brick, natural stone, glass, painted and varnished surfaces, ceramic tiles, sand cement screeds, concrete, plaster and timber.

#### LIMITATIONS

- Do not use for floor joints or on bituminous surfaces.
- Not recommended for high movement joints.
- Not suitable for continuous immersion in water.
- Not suitable as an adhesive to bond two surfaces together.
- Do not use where sealant strength is needed e.g. to hold guttering in position.
- Application onto porous surface may reduce longevity of the product due to absorption of the oils into the surface

#### SAFETY INSTRUCTIONS

Bostik Powermastik is non-toxic, however, it is advisable to wear gloves in order to avoid direct skin contact. In the event of skin or eye contact, rinse thoroughly and immediately with water. Seek medical assistance if irritation or discomfort persists. Keep out of reach of children! Refer to our Safety Data Sheets for further toxicological information and comprehensive handling instructions.

#### SURFACE PREPARATION

Ensure that surfaces are clean, dry and free of loose materials, dust, grease, rust and other contaminants. Surfaces such as metals and glass should be degreased with a solvent e.g. acetone. Soaps or detergents used to clean the surface must be rinsed away thoroughly with clean water to ensure that all traces of the soaps are removed before sealing.



## HOW TO USE

1. Ensure that surfaces are prepared as above.
2. Use masking tape to get a clean, even sealant line and to eliminate cleaning difficulties on porous surfaces. Remove tape after mastic application.
3. 310ml Cartridge - Cut the tip off the cartridge and screw on the nozzle. Cut the tip of the nozzle at an angle to achieve the desired bead size. Apply with a caulking gun.
4. 410ml Cellopak - apply mastic with either, a closed barrel caulking gun, putty knife or spatula.
5. Apply the mastic to the surface, and smooth down using a flat or rounded tool.
6. Skin formation takes approximately 4 to 7 days, depending on environmental conditions. High humidity and low temperatures will extend skinning time.
7. It is recommended that for exposed applications, the mastic be over painted with a non-bituminous paint after skin has formed, to prolong the service life.

## CLEANING

Clean tools and excess mastic with lacquer thinners or turpentine.

## STORAGE STABILITY

Bostik Powermastik has a shelf life of at least 12 months if stored in a cool (below 25°C), dry place in its original moisture-tight packaging. If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a check should be performed to observe whether the product is still workable and uncured. To maximise the shelf life of an open product, ensure that it is tightly sealed after use, and store in a cool environment.

## PRODUCT PACKAGING

- 280ml Cartridge
- 410ml Cellopak

### PRODUCT CHARACTERISTICS

Type	Oil based mastic
Appearance	Cream coloured non slump paste
Density (g/cm <sup>3</sup> )	Approximately 1.3g/cm <sup>3</sup>
Solids (%)	100%

### TYPICAL PERFORMANCE DATA

Drying time	Skins with 4 - 7 days at 23°C 65% humidity
Joint size	Up to 10mm
Water resistance	Excellent
Coverage (280ml)	11 meters (5mm x 5mm joint)

## DISCLAIMER

The above information is only offered as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for the problems caused by the use and/or application of this product.

Head Office: +27(0)21 555 7400  
 Beverley Close, Montague Gardens, 7441  
 PO Box 37008, Chempet, 7442  
[www.bostik.co.za](http://www.bostik.co.za)

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 0800 222 400

