



2000 PRIMARY SEALANT

2000 PRIMARY SEALANT IS A COMPOUNDED POLY-ISOBUTYLENE HOT MELT SEALANT

KEY FEATURES

- Very low moisture vapour transmission rate
- Excellent adhesion to glass and to all spacer bars / corner keys
- Fully compatible with Quanex Superspacer®

PRODUCT DESCRIPTION

Bostik 2000 Primary Sealant is a compounded polyisobutylene hot melt sealant specifically formulated for use in the production of dual seal insulating glass units. It should always be used in conjunction with a suitable secondary seal, such as Bostik 5000 Hot Melt Butyl; the resulting sealed units are then capable of complying with the test requirements laid down in EN 1279 Parts 2 and 3 (Europe) and ASTM E 2190 (US / Canada).

FEATURES

- Excellent adhesion to glass, aluminium, galvanised steel, stainless steel & tinplate spacer bar and metal & plastic corner keys
- Fully compatible with Quanex SuperSpacer®
- Very low gas permeability
- Acts as a thermal break
- Easy application by standard dispensing equipment
- No cleaning or purging of dispensing equipment required
- Can also be used as a handling aid in rigid spacer bar unit production



TYPICAL CHARACTERISTICS

Physical Form		Rubbery solid
Color		Black
Chemical Type		Compounded polyisobutylene rubber containing no volatile materials
Relative Density	g/cm ³	Approx. 1.2
Moisture Vapour Transmission Rate		< 0.1 g/m ² per day for 2mm film at 25°C (77°F), 100% RH (ASTM method E96)
Performance		Bostik 2000 exhibits an extremely low moisture vapour transmission rate and excellent adhesion to glass, aluminium, galvanised steel, stainless steel and tinplate spacer bar

IMPORTANT

Before embarking on any work involving Bostik 2000 Primary Sealant the safety data sheet should be carefully studied by those carrying out the work. Gloves and eye protection are recommended.

APPLICATION TEMPERATURE

120°C - 150°C (250°F -300°F) or sufficient to produce a consistent even coating

RECOMMENDED COATING WEIGHT

1.5 g per linear metre on both sides of the spacer bar when using with Bostik 5000, depending upon spacer profile

PRECAUTIONS

Bostik 2000 Primary Sealant is not intended for use where direct UV / sunlight may be present. A suitable protection i.e. gasket / frame / strip should be present to prevent this.

APPLICATIONS

Bostik 2000 is suitable for use on all types of primary seal application equipment. Due to inherent minor differences between machinery, optimum performance is best attained by assessing the coating weight per linear metre on each side of the spacer bar rather than by specific temperature and pressure settings. The coating weight should be between 1.0 g and 2.5 g per linear metre on each side with the front and back coating weight as close to each other as possible (no greater than 0.5 g difference).

The spacer bar profile also determines the optimum coating weight achievable. A straight sided spacer bar will require a lower coating weight than a spacer bar specifically designed for dual seal systems (see diagram). This type of spacer can accommodate a higher coating weight.

If the coating weight is at the higher end of the range then not only could an excess of primary seal exude into the unit cavity, but also the degree of pressing out could be adversely affected leading to inadequate adhesion and/or excessive unit thickness. It is important that a continuous, even coating is achieved and that any excess primary seal is pushed into the gap where the corner key locates into the spacer. A complete primary seal of the unit is only attained when corner keys are plugged or a bent spacer bar system used.

Avoid touching the extruded primary seal as this may adversely affect the wetting out and adhesion of the compressed primary seal. Further advice on particular aspects of application and the use of Bostik 2000 with Bostik hot melts can be obtained from our Technical Service Department

STORAGE

Store unopened in a cool, dry place within the temperature range +5°C to +25°C (+40°F to +80°F)C.

SHELF LIFE

2 years from date of manufacture, under the above conditions of storage.

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