



B27 Construction Seal Data Sheet

The B27 seal has been widely accepted as the ultimate sealant in the roofing and cladding industry for side and end lap sealing for many years.

The range has been considerably enlarged to satisfy the needs of the construction industry and now encompasses glazing, ceiling, movement and expansion joints, partitioning, second fix framing and many other applications.

The B27 range can be supplied in plain, self-adhesive backed on one or both sides, in a size range from 2mm thick up to 25mm, in any width up to 1 metre.

B27 is manufactured from EPDM which is generally accepted as the finest dry seal material available for profiled flexible fillers.

Most sizes are available in handy 10 metre coils, with several standard self-adhesive sizes exstock, all with easy release vinyl backing paper.

The B27 range is normally black in colour but is available in white where aesthetic appeal is important.

ADVANTAGES

- * Weather seal achieved with minimum compression therefore less material, neater joints.
- * Appears unaffected by birds & insects.
- * Excellent ozone and sunlight resistance.
- * High Strength.
- * Good temperature range.
- * Excellent chemical resistance.
- * Compatible with all known building materials.
- * No stringing adhesive, no mess.
- * No tools required, hand application secures.
- * Suitable for external or internal use.

TECHNICAL SPECIFICATION

Manufactured from Ethylene Propylene Diene Monomer (E.P.T.) synthetic rubber with its known resistance to weather, ozone and ultra violet light and correctly installed a life expectancy of some 30 years is within its scope.

SUMMARY

Closed Cell Ethylene Propylene Diene Monomer (E.P.T.)

Standard	ASTM D1056 RE 43 M
Colour	Black or White
Density	160-190 kgs/m ³
Compression set	50% deformation 22 hours ASTM D1056 less than 25%
Low temperature	Flexible at - 40°C
Highest continuous working temperature	Free 80°C secured i.e. gasket 120°C
Staining of organic finishes (ASTM D925)	No migration stain, slight contact
Water absorption	Entirely closed cell, less than 5%
Corrosion	Will not stain or corrode copper, aluminium etc.
Tensile strength	Greater than 150 p.s.i.
Elongation at break	300% + (plain, without adhesive backing)
Tension set	Less 20%
Weather seal	Range commences 13% gross size at 140 grams/cm ²

This information is given to the best of our knowledge. All test data are average values and should be considered as guidelines only.