

### Description

**Bostik Boscoseal 16** Waterproofing Membrane is a self adhesive, self sealing layer of rubberized bitumen protected by a film of polyethylene. An overlap seam down each edge ensures complete sealing of overlap seams. **Bostik Boscoseal 16** W.P.M. is composed of a uniform of rubber modified bitumen bonded to a polyethylene film. The physical properties will remain stable over time and under sever weather conditions. Adhesive side is protected by removable release paper.

### Features

- Self adhesive
- Self sealing
- Self sealing edge for overlaps
- Fully bonded
- Repaired easily
- Bonds to most substrates
- No seaming tapes needed

### Recommended Uses

**Bostik Boscoseal 16** W.P.M. is designed for use as a water and vapor barrier in all unexposed waterproofing applications.

- Concrete/timber waterproofing of:
- Terraces
- Plazas
- Bridge construction as a sandwiched membrane
- Vertical foundation walls
- Tunnels
- Subways
- Planter boxes

### Application Instructions

All surfaces should be clean, dry, and free of loose particles, dust, oil or any other contaminants. Concrete must be given a minimum of 28 days cure. The substrate should be primed with suitable primer (**Bostik 9222 Primer**). The release paper should be removed from the underside of the membrane as it is placed in its final position. All rows and exposed edges at overlaps and penetrations should be protected with a bead of bituminous mastic (**Bostik 1313** mastic). For further information refer to installation sheet supplied upon request. All laps must be rolled using a heavy metal roller to ensure full lap adhesion.

### Membrane Protection

**Bostik Boscoseal 16** W.P.M. must be protected within 5 days of installation from the damages which may be caused by backfilling steel reinforcing, trade traffic, construction equipment and materials. A protective board such as water resistant particle boards, plywood fibre cement or any other proprietary protective board must be used. The protective board should be adhered with **Bostik 5326 Protective Board Tape**. Weather resistant flashing must be used to cover any portion of membrane left exposed, such as in up stands, parapets and top of foundation walls.



The membrane must be thoroughly inspected to ensure there are no punctures or tears. All leaks should be marked and the membrane repaired when membrane is clean and dried. Any damage must be required with a patch of **Bostik Boscoseal 16** W.P.M. with a minimum overlap of 75mm from any edge.

### Priming

On completion of cleaning the substrate prime using **Bostik 9222** primer.

### Mixing

No mixing required. Simple use off the roll supplied.

### Coverage

#### Estimating Guideline

Product	Allowance
Boscoseal 16 W.P.M.	10% for overlaps and passes 4% for normal detailing
Bostik 9222 Primer	4litres per roll (5 M2 litre)
Bostik 1313 Mastic	1litre for every 3 rolls horizontal 1litre for every 2 rolls vertical Extra for penetration
Bostik 5326 P.B, Tape	1 metre per square metre

#### Important Notes:

- Not compatible with tar, tar PU's or polysulphides
- Should not be applied onto damp or wet substrates
- Should not be applied to uncured concrete
- Should not be applied when temperatures below 5°C or above 35°C
- Roll or cut sections should not be left exposed to sun or rain, as it may result in difficulties in removing the release paper.
- Not designed for exposed applications, it must be protected with either flashing or topping as the case may require.

### Bostik Co-Operative Test Program

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information

### Performance Properties

Typical performance properties

Property	Value	Test Method
Compound Thickness	1.5mm	UNI8202
Protective Film Thickness	0.1mm	UNI8202
Total Thickness	1.6mm	UNI8202
Weight	1.6m kg	UNI8202
Tensile strength long	4.35N/mm	ASTM D 638
Tensile strength trans	5.69 N/mm	ASTM D 638
Tensile strength long	3.30N/mm <sup>2</sup>	ASTM D 412
Tensile strength trans	4.46N/mm <sup>2</sup>	ASTM D 412

Elongation long	251 N/50mm/ 370%	DIN 52123 with 10=100mm
Elongation trans	271 N/50mm/ 210%	DIN 52123 with 10=100mm
Elongation	>500%	ASTM D 412 modified
Tear Resistance long	71N	DIN 53363
Tear Resistance trans	88N	DIN 53363
Tear Resistance long	92N	UEAtc- >50 N
Tear Resistance trans	102N	UEAtc- >50 N
Adhesion to primed concrete	4.9 N/mm	ASTM D 1000
Adhesion to steel	5.8 N/mm	ASTM D 1000
Puncture Resistance	281, 5N	ASTM 154
Vapor Transmission rate	0.07g/ m2/hr	ASTM E 96
Cold flexibility	<-40°C	DIN 52123
Softening point	98°C	DIN 52011

### Storage & Shelf Life

When stored at or below 27°C **Bostik Boscoseal 16** has a shelf life of 12 months from date of shipment from Bostik's warehouse. All materials shall be stored under cover in a manner that will prevent damage, preferably on pallets in an upright position and protected from excessive heat and moisture

### Safety Precautions

SEE THE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS)

MSDS can be downloaded from [www.bostik.com.au](http://www.bostik.com.au)

### Clean-Up

For general cleaning use **Bostik 9907** cleaner. Do not use solvents on skin. For removal on skin use **Bostik Handi-clean Towels**

### Packaging

**Bostik Boscoseal 16** is available in 1.6mm thick x 1mtre wide x 20mtre length rolls and is black in colour

### Fire

**Bostik Boscoseal 16** is non-flammable

VOC – 10 g/Lt

[voccertificates.australia@bostik.com](mailto:voccertificates.australia@bostik.com)

### Product Details

ITEM NO	ITEM NAME	SIZE	COLOUR
222569	BOSCOSEAL 16	20meter length x 1.6mm thick Black x 1 meter wide roll	BLACK

