

# BITUMENSEAL

WATERPROOFS INSTANTLY



## PERFORMANCE ADVANTAGES

- ▶ Solvent Free
- ▶ One Coat Application
- ▶ Re-inforced with Fibres
- ▶ For Flat & Pitched Surfaces
- ▶ Lasting Protection



## HOW TO VIDEO

View our handy 'how-to' video to understand how to get the best results from our products.



**One Coat Application**



**Hard Wearing & Water Resistant**



**Solvent Free & Eco-friendly**



## DIRECTIONS



### Step One

Clear all areas of moss, lichen and debris by brushing or power washing. Ensure the surface is dry.



### Step Two

Most roofing substrates to be treated will not normally require priming. Stir thoroughly.



### Step Three

Apply by brush or roller, at the minimum specified spreading rate as stated.



### Step Four

Touch dry in 3 hours and completely cured within 24 hours.

# TECHNICAL DATA SHEET

## BITUMENSEAL

### USES

- ▶ Ready for use on flat roofs, pitched roofs, weathered asphalt and bituminous surfaces, gutters, concrete, brickwork, GRP and fibreglass, felt and metal (galvanised and ferrous).
- ▶ Fibrous cement corrugated sheeting: two coats of BitumenSeal must always be applied to this substrate.
- ▶ For other surfaces see Preparation and Application.
- ▶ Can be brush or roller applied.

Not for use on New Cementitious Screeds, Walkways, Balconies (where there is regular foot traffic), timber surfaces, new and aged PVC, plasticised PVC (Plastisol), internally as a tanking membrane.

### SPREADING RATE

- ▶ As a guide, 1-2 kg/m<sup>2</sup> (equivalent to 0.5-1m<sup>2</sup>/kg).
- ▶ Coverage will depend on the surface type.

### DRYING TIME

- ▶ Dry in 3 hours at 10°C (BS EN ISO 1517 dry surfaces).
- ▶ Apply in dry conditions at >10°C.

### PREPARATION AND APPLICATION

- ▶ Clear all areas of moss, lichen and debris by brushing or power washing and remove surface water and any contamination such as Oil or Grease and allow to dry.
- ▶ Apply Polar Moss Remover to prevent further fungal/algal growth.
- ▶ Stir well before use

**Most roofing substrates to be treated will not normally require priming.**

- ▶ To the dry and cleaned surface, apply a generous coat of BitumenSeal by brush or squeegee, at the minimum specified spreading rate as stated above under the heading.

- ▶ Do not apply below 10°C in wet or frosty conditions.
- ▶ Resistant to light showers after 40 mins (on dry surfaces).
- ▶ Should not be completed in poor drying conditions or when rain is imminent.

### WATER REPELLANCY

- ▶ Heavy applications will result in extended drying times and will become more subject to wash off during initial stages of drying.

### SHELF LIFE

- ▶ Up to 12 months if stored correctly in an unopened container.
- ▶ Store within the temperature range 5°C-25°C.
- ▶ Protect from frost.

### COLOUR RANGE



### PACK SIZE

- ▶ 5kg and 20kg containers.

**Application Temperature should be between 5°C-25°C.**

### SUBSTRATE TYPES

#### Highly porous/friable surfaces\*

- ▶ Concrete and Asbestos Cladding, Sheeting and Guttering should be primed with BitumenSeal thinned 10% with water prior to overcoating with a second coat of BitumenSeal.

**These Surfaces - Must be jet washed prior to priming.**

# TECHNICAL DATA SHEET

## BITUMENSEAL

### Metal surfaces

- ▶ Ferrous-New, Weathered and previously painted galvanised iron and steel.
- ▶ Non-Ferrous Metals - Aluminium sheeting & Aluminium Alloy Box gutters and previously painted non-Ferrous Metals.

All these areas should be suitably prepared and primed as appropriate (see separate technical sheet) before application of BitumenSeal.

### Non-porous substrates

- ▶ Slate, Polished bricks should be power washed abraded and completely dry, free from any contamination to achieve adhesion of the BitumenSeal.

### Bitumen & Asphalt surfaces

- ▶ Can be used as an isolator over new asphalt, tar or bitumen surfaces. Aged bitumen can be liable to crack and therefore further advice must be taken.

### Previously painted or coated substrates

- ▶ It is good practice to inspect and carry out adhesion tests on any existing coating or substrate prior to application of the coating.

### Splits, cracks, joints and seals, crazed areas

- ▶ These should be cleaned out with either a scraper or a stiff bristle brush and primed before applying BitumenSeal thinned down 10% with water. A top coat of BitumenSeal should then be applied.

### Surface faults

- ▶ Repair all faults in the surface.

**In areas where excessive movement may occur, additional reinforcement must be incorporated into the coating.**

### IMPORTANT

- ▶ BitumenSeal is not recommended for the treatment of wooden surfaces, tanking, fishponds.
- ▶ This coating is only valid for applications in the UK.
- ▶ **MINIMUM FINISHED FALL: when using this product it is important that a minimum finished fall of 1:80 is achieved, as stated in BS 6229.2003 (Code of Practice for the application of Liquid Applied Waterproofing Systems to flat roofs with continuously supported coverings).**

### CLEANING

- ▶ Clean all equipment with water immediately after use.
- ▶ Clean cured coating with white spirit.

### PRECAUTIONS

- ▶ Keep out of reach of children.
- ▶ In case of contact with eyes wash immediately with plenty of water.
- ▶ Remove splashes from skin with soap and water or a recognised hand cleaner.
- ▶ Protect from freezing.
- ▶ Do not apply paint if there is a risk of heavy rain or frost.
- ▶ Do not use near fishponds.
- ▶ Shade variations may occur between different batches. When completing projects requiring more than one tin ensure they are from the same batch.

### FIRE CLASSIFICATION

- ▶ The system conforms to BS476 parts 6 & 7 for a class 'O' rating when applied to a noncombustible substrate.

# TECHNICAL DATA SHEET

## BITUMENSEAL



### SAFETY

Good working practice should be followed and safety/walking boards should be utilised where required.

The specification and coverage rates are given in good faith and are based on our experience and knowledge but without liability.

*As Polar Specialist Coating Limited has no direct control over the methods employed by the user in applying its products, any warranty either written or implied is given in good faith and can only cover the material itself.*

There is a Code of practice from LRWA - “Specification and use of Liquid Applied Waterproofing Systems” on [www.lrwa.org.uk](http://www.lrwa.org.uk) which can be consulted for general advice.

If in doubt regarding any of the above points, please contact our technical services department for advice.

**A Material Safety Data Sheet is available on request.**

It is the users responsibility to ensure that this data sheet is current prior to using the product.

VIEW OUR FULL RANGE OF PRODUCTS  
[www.polarcoatings.co.uk](http://www.polarcoatings.co.uk)



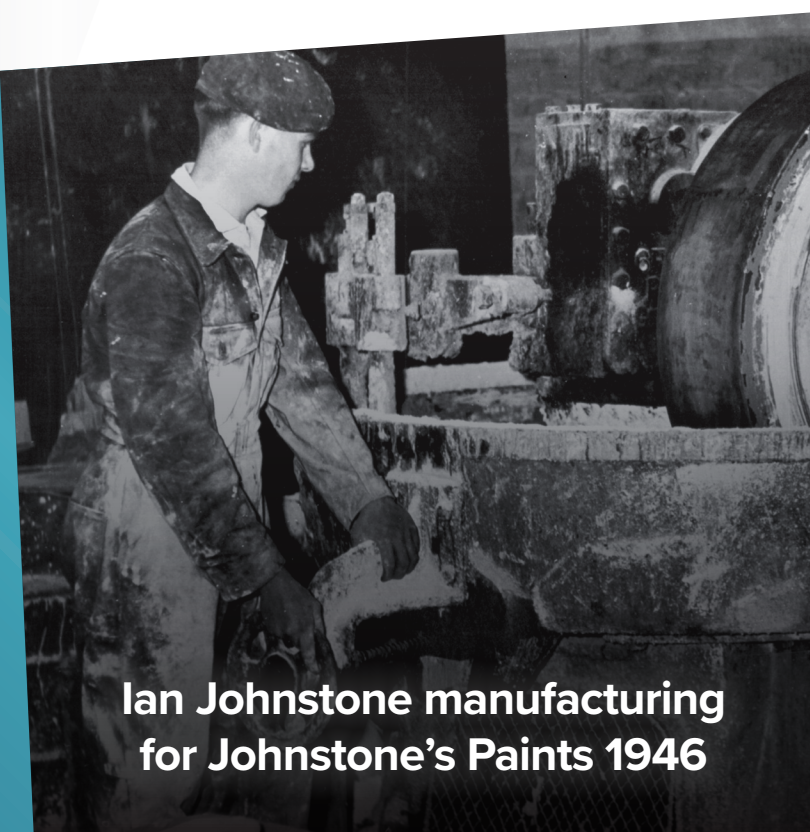
Road 3, Winsford Industrial Estate, Winsford, Cheshire. CW7 3PD  
[info@polarcoatings.co.uk](mailto:info@polarcoatings.co.uk) | 0161 850 0379

## Innovate Pioneers for Specialist Coatings

Polar provides you with the expertise and quality to transform & renovate all your DIY projects.

Formerly the creators of Johnstone’s paints with over 130 years manufacturing experience...

We deliver reliable, high-performance paints that revive, protect & maintain your home.



**Ian Johnstone manufacturing  
for Johnstone’s Paints 1946**