

# FELT ADHESIVE

## Cold Applied Roofing Felt Adhesive

### Technical Data Sheet



### BITUBOND BITUMEN SOLUTIONS & COMPOUNDS RANGE

#### Description:

*A solvent-borne, black bituminous adhesive. It provides a firm but flexible bond between +5°C and +50°C which hardens and softens with changes of temperature.*

#### Features & Benefits:

- ♦ **Cold applied - safe to use with no heat required.**
- ♦ **Flexible.**
- ♦ **Excellent adhesion properties.**
- ♦ **Ideal for bonding mineral chippings.**
- ♦ **Heavy duty.**
- ♦ **Adds an extra layer of protection.**
- ♦ **For exterior use.**

#### Uses

Bond It FELT ADHESIVE is a cold applied adhesive for bonding bituminous roofing felts to asphalt, felt, metal, wood and concrete. It can also be used for bonding mineral chippings to bituminous surfaces. It may not be used over tar based products.

#### Preparation

All surfaces must be clean, dry and free from grease, oil and any loose material. Remove any organic growth using a fungicidal wash such as MOULD STOP. Dusty and porous surfaces should be primed with BITUMEN PRIMER. Where possible, felt to be laid should be cut to size and positioned for 24 hours to assist application. To avoid thickening in cold weather, store FELT ADHESIVE overnight in a warm room prior to use.



#### Limitations

- Do not use in areas where subsequent solvent contact is likely.
- Allow sufficient drying time between coats.
- Bitumen may bleed through any paints subsequently applied over it. Apply a primer recommended by the paint manufacturer before overpainting.

#### Application

Apply FELT ADHESIVE to the roof area with a mop, squeegee or stiff brush. Do not exceed guideline coverage rates. Allow the adhesive to become tacky to touch (typically 15 - 30 minutes) then place the roofing felt into position. The felt should be lapped: side laps minimum 75mm and end laps minimum 150mm, and the laps sealed with FELT ADHESIVE. When laying the felt it is important to ensure that no air is trapped underneath, particularly when laid over a previous layer of felt or other waterproof coating. Roll with

a 15-25Kg roller or thoroughly brush with a stiff-broom until good overall contact is established between felt and adhesive, especially at the laps. NB. If felt is applied too soon, the drying time of the adhesive will be extended and the adhesive may ooze out. When felting upstands, adhesive should be applied to both adhesive and felt.

**Timber Roofs:** Lay the first layer of felt laid down in accordance with BS 8217:1994 and bond subsequent layers with FELT ADHESIVE.

**Lap Adhesive:** FELT ADHESIVE can be used to bond laps on single layer applications. Ensure area to form lap is completely coated with adhesive and press firmly to expel air when tacky. The lap should then be nailed with galvanised clout head nails to secure bond.

**Gritting:** FELT ADHESIVE can be used as a gritting solution. Be sure to overgrit and tread well in or preferably roll.

#### Drying Time

Drying will vary depending on weather conditions and time allowed for adhesive to develop a tack. 24 to 48 hours is typical. However, heavy applications will result in extended drying time.

#### Cleaning Of Tools

Clean with paraffin (kerosene) or Bond It WHITE SPIRIT.

#### Size

1, 2.5, 5 and 25L metal tins.

#### Coverage

As a roofing felt/ lap adhesive: @ 2m<sup>2</sup> per litre.

As a gritting adhesive: 3-9mm chips - @ 1.8m<sup>2</sup> per litre.

12mm chips - @ 1.3m<sup>2</sup> per litre.

#### Colour

Black solution.

#### Shelf Life

Minimum of 5 years from date of manufacture under good storage conditions in original, unopened containers.

## Storage Conditions

Store under cover away from sources of heat and ignition. Keep containers sealed when not in use. Store between +5°C and +25°C. Protect from frost.

## Disposal Of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any tins or used material to a central disposal point in accordance with local regulations.

## Health & Safety

Contains white spirit. Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control.**



## Specification Summary

Type of Solvent	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Approximate Flashpoint	+39°C
Test Method BS2000:Part 170:1982 [IP170/75 (81)]	
Approximate Specific Gravity	0.95
Service Temperature Limits	-20°C to +70°C for slopes of less than 10°
Application Temperature Limits	Normally +5°C to +30°C
Chemical Resistance	Resistant to: most salt solutions, some dilute acids and alkalis, water and alcohol Not resistant to: oils, solvents, some detergent solutions
Density	0.93g/cm³
VOC Value	302g/L
Commodity Code	2715000000

## Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDB000	Black	1L	5060021367891	4Y40-POQH-M00N-EVKW
BDB001	Black	2.5L	5060021360823	4Y40-POQH-M00N-EVKW
BDB002	Black	5L	5060021360830	4Y40-POQH-M00N-EVKW
BDB003	Black	25L	5060021367847	4Y40-POQH-M00N-EVKW



## Part of the Bond It Bitubond Range

**Head Office:** Unit H4, Premier Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9HF.  
**Telephone:** +44 (0)1422 315300 **Email:** salesuk@bonditgroup.com  
**EU Office:** SISL (Bond It) Ireland Limited, 70 Sir John Rogerson's Quay, Dublin 2. **Tel:** +353 1 960 9411  
**Website:** www.bonditgroup.com

**Note:** The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



**Version 4: Updated 04/07/24**  
Supersedes: V3 01/03/17



**bond it**

An **ASTRAL** Limited Company