

BITUBOND FELT ADHESIVE

Roofing Felt Adhesive

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.

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 loose material. 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.

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 minutes to 1 hour) 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 15Kg 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 Code of Practice 144: Part 3 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 times.

Safe Handling Precautions

Flammability: Flammable

Keep away from sources of ignition including pilot lights and sparks (see note). Take precautionary measures against static discharge. Keep containers tightly closed when not in use. **DO NOT SMOKE**. If used in an enclosed space ensure thorough ventilation of the area (using flame proof mechanical blowers if necessary) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide (CO₂), foam, sand or earth. Never use water as this may spread the fire. **Note:** Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite the product or it's vapour, resulting in an explosion and/or fire.

Skin Contact: Contains solvents that cause de-fatting of the skin and, in extreme circumstances, dermatitis. Avoid contact by careful working and use of a barrier cream on hands, arms and other exposed areas or wear gloves. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.

Eye Contact: Avoid contact. Could have an irritating effect. In the event of accidental contact, wash eyes immediately with clean water for 15 minutes and obtain medical attention.

Inhalation: Contains solvent. Stand upwind of the work to avoid inhalation. Switch off all working ventilation inlets prior to using the material; leave covered until there is no odour of the solvent in the vicinity. In the event of discomfort as a result of inhalation move person to fresh air. If discomfort persists seek medical advice.

Oral Ingestion: With proper handling this should not occur. The possibility can be minimised by not consuming food in the working environment and by washing hands thoroughly before eating, drinking or smoking.

Spillage: Spilt material should be mopped up immediately with an inert absorbent material, such as sand, and disposed of in accordance with regulations.

Disposal of Containers: Do not leave containers on site where residue could be a hazard to children, animals or the environment. Replace lids securely and remove any containers to a central disposal point.

Cleaning Of Tools

Clean with paraffin (kerosene) or white spirit.

Storage Conditions

Store under cover away from sources of heat and ignition. Keep containers sealed when not in use.

Storage Life

12 months under good storage conditions in original unopened containers.

Specification Summary

Type of solvent	Petroleum Hydrocarbon		
Approximate Flashpoint Test Method BS2000:Part 170:1982 [IP170/75 (81)]	45°C		
Approximate Specific Gravity	0.95		
Approximate Coverage	As a roofing felt/ lap adhesive -		1m ² per litre
	As a gritting adhesive -	3mm chips -	1.6m ² per litre
		10mm chips -	1.3m ² per litre
Service Temperature Limits	-20°C to + 70°C for slopes of less than 10°		
Application Temperature Limits	Normally 10°C to 40°C		
Chemical Resistance	Resistant to: most salt solutions, some dilute acids and alkalis, water and alcohol Not resistant to: oils, solvents, some detergent solutions.		

Container Sizes:

Size:	1 Litre	2.5 Litre	5 Litre	25 Litre
Code:	BDB000	BDB001	BDB002	BDB003

The data presented in this leaflet are in accordance with the present state of our knowledge, but do 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.

BOND IT

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