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TECHNICAL DATA SHEET TDS 45
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FELT ADHESIVE

DESCRIPTION

FELT ADHESIVE is a solvent based, high viscosity, bituminous adhesive with strong initial "grab" properties.

USES

FELT ADHESIVE is a cold applied roofing adhesive formulated for convenience and safety, ensuring affinity and a strong, final bond to roofing felts. It is used for:

- * Bonding all types of roofing felts to metal, timber and concrete.
- * Sealing roofing felt laps
- * Bonding chippings to flat roofs.

ADVANTAGES

- * Reliability ISO 9002 Quality Assured Firm.

PRODUCT DATA

Colour:	Black
Coverage:	2 sq.metres per litre (approx. 100 sq.ft. per imperial gallon
Service Temp:	-20°C to +70°C
Flash Point:	38°C
Fire Rating:	External A.A. rating for ignition penetration and spread of flames when covered by felt and solar reflective chippings

METHOD OF USE

Apply by stiff brush, mop or squeegee.

Preparation

Ensure that the surface to be repaired is dry and clean, i.e. free from all loose debris, rust, dirt and grease.

All traces of algae and fungus growth should be removed using a stiff bristled brush. Where algae and fungi have been present, remove all traces completely and treat the surface with Fungicide in order to kill any remaining spores, thereby discouraging the return of the growths. In general the felt laying techniques employed should be those detailed in BS Code of Practice 144 Part 3 1970, Clause 4.6.

Certain types of felt (particularly organic fibre reinforced felts: type IF BS747) should be prepared for laying by first cutting into convenient lengths (5 metres) and leaving these sections laid flat and weighted down for 24 hours. The FELT ADHESIVE should be brush applied to the surface and left "open" for 15 to 30 minutes (depending upon drying conditions) in order to develop its full tackiness. The felt should be placed into the wet adhesive film carefully, rubbing or rolling each section down to ensure maximum contact with the adhesive and ensuring that all air has been excluded. Whenever possible, the felt should be unrolled into the FELT ADHESIVE and rolled home with a light roller (approx. 25 kg, 55 lbs).

Lap Cement:

Laps at the edges should be at least 75 mm (3") wide and laps at roll ends should be at least 150 mm (6"). Laps and final edges should be liberally treated on their undersides with FELT ADHESIVE and well compacted.

Timber Roofs:

On timber roof structures, the first layer of felt must be nailed down to comply with BS CP 144: Part 3: 1970, the second and third layers may be bonded with FELT ADHESIVE.

(Felt Adhesive) ../.

Concrete and Lightweight Concrete Screeds:

As they are often extremely porous, these surfaces will require a priming coat to ensure successful adhesion of the felt adhesive. As a primer use BITUMEN PRIMER. It is essential that the primer has completely dried before the first layer of felt is applied. Twenty four hours after laying, check all bondings to ensure that full adhesion has been obtained. Particularly check all laps. If in doubt, press home or roll any felt that appears to be lacking full adhesion.

CLEANING OF TOOLS

Tools may be cleaned with paraffin or White Spirit. Spillages should be wiped off surfaces before the FELT ADHESIVE has set.

STORAGE

If stored in a cool, dry place in original unopened containers, the shelf life is 12 months.

PACKAGING

Available in 1, 2.5, 5 and 25 litre containers.

HANDLING

FELT ADHESIVE is solvent based and flammable. The solvent may have a narcotic effect if inhaled or absorbed through the skin. The following precautions are therefore necessary when using it.

- * Wear protective gloves and barrier cream on exposed skin.
- * Avoid smoking, hot lights, naked flames and creating sparks.
- * Never take the product internally.
- * Avoid contact with the skin, eyes and non-protective clothing. (Any FELT ADHESIVE that has dried on the skin may be removed with a proprietary hand cleanser).
- * When working with the product, until it has dried, ensure that the area is well ventilated thereby avoiding build up of solvent vapour.

Emergency Action:

- * In the event of narcosis due to inhalation of concentrated vapour, remove person to fresh air. Call for medical attention.
- * Contact with the eyes - thoroughly irrigate eyes with clean cold water - call for medical attention.
- * In the event of fire - extinguish with either a carbon dioxide, dry chemical or foam fire extinguisher, sand or earth.

We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.

