

MATERIAL SAFETY DATA SHEET

CLASSICBOND: WBA DECK ADHESIVE

Technical Data Sheet

WBA Deck Adhesive

Roof Deck Adhesive

WBA Deck Adhesive is an acrylic resin emulsion designed primarily for bonding high performance fibre laminated polymeric roof sheets to a range of roof deck materials. It is ready to use and being non-flammable does not have associated storage problems. The adhesive develops excellent adhesion over a period of time enabling it to be used on flat roofs with falls, which conform to current building regulations and where an efficient damp proof course or vapour barrier exists.

Bonding adhesive is recommended for upstands and trim work.

TECHNICAL DATA:

Appearance: Cream Paste **Viscosity:** Trowel applied **Specific Gravity:** 1.30

Solids Content: 50% **Coverage:** Approx. 3-4m²/litre

Clean up: Water when wet CT 36 when dry.

Storage Life: 12 months when stored between 5°C and 30°C in original unopened containers. Protect from frost.

SUITABLE SURFACES: WBA Deck Adhesive will bond most high performance laminated polymeric roof sheeting materials to a range of conventional absorbent roof surfaces e.g. plywood, concrete, etc. All boards should be resistant to moisture but not sealed with adhesive repellent waxes etc. If in doubt a small test area should be laid. Certain roof surfaces may not be suitable for use with this adhesive, for example, those containing pitch or other leaching materials. On non-porous roof decks or those of low vapour permeability, i.e. metal or PU foams, a two-way bonding adhesive should be used.

SURFACE PREPERATION: Surfaces should be clean, dry and free from dust, grease, loose materials and other contaminants. For timber and composite boards the presented surface must not be degraded. An effective roof venting should be provided to ensure that condensation and trapped moisture are allowed to escape.

METHOD OF APPLICATION: WBA Deck Adhesive should be applied using a notched trowel or a serrated spreader to an approximate coverage rate of 3-4m²/litre. A larger quantity of adhesive is necessary for open texture and rough surfaces. Smooth surfaces such as plywood may require less adhesive up to a maximum of 4-5m² dependant on experience and technique of application. Do not dilute the adhesive or use on a damp surface.

The adhesive has long effective open time range from approx. 5-40mins, after laying assuming average UK weather conditions and the roof sheet should be laid into the adhesive during this period. In overseas climates the higher temperatures will reduce the effective open time range to approx. 5-20mins. If application proceeds before the lower times quoted, the adhesive is likely to be too wet. Regular checks should be made to ensure the adhesive completely transfers to the reverse of the sheet and is bedded in place after rolling. The roof sheet should be rolled into the wet adhesive and pressed in using a stiff brook or squeegee. Ensure that the recently laid roof area is adequately protected against the elements.

HEALTH AND SAFETY DATA: Full Health and Safety information on WBA Deck Adhesive is available from the manufacturer.

IMPORTANT NOTE: All the information in this data sheet is based on practical experience and is published in good faith. However, because we have no control over the manner or conditions in which our products are used, or over work undertaken or end product manufactured by the purchaser, we cannot accept liability for results. Responsibility for ascertaining the suitability of products for his purposes rests with the purchaser. All conditions, representations, statements, warranties, or guarantees whatsoever, whether express, implied or statutory, in respect of any goods manufactured, sold or supplied by us are hereby expressly excluded and we accept no liability in respect of any claim for damage or consequential loss caused to any property arising directly or indirectly out of the use of our products or goods.

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1 IDENTIFICATION OF THE
SUBSTANCE/PREPERATION AND OF THE
COMPANY/UNDERTAKING

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SAFETY DATA SHEET

PRODUCT NAME: WBA Deck Adhesive

PRODUCT CODE: SE2545

2 COMPOSTITIONS/INFORMATION ON INGREDIENT

Ingredients	Cas No.	EC No.	Weight %	Symbols	R Phrases
Modified Polymer Emulsion/ Dispersion, maybe Including fillers. Non-hazardous			-	None	None
Toluene	108-88-3	203-625-9	<5%	F,Xn	11,20
Balance = Water					
White Spirit	64742-88-7	265-184-9	1-10	---	10

3 Hazards Identification

- Low toxicity expected under normal conditions of use
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4 First- Aid Measures

Contact With Skin

- After contact with skin, wash immediately with plenty of soap and water (S28)
- Do not use solvents to clean skin
- Seek medical attention if irritation persists

Contact with eyes

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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4 FIRST-AID MEASURES

INGESTION

- Seek immediate medical attention
- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

INHALATION

- Remove patient to fresh air

OTHER INFORMATION

5 FIRE-FIGHTING MEASURES

- May form explosive vapour/air mixtures
 - In case of fire use water, foam, carbon dioxide or dry agent (S43)
 - In case of fire, do not breath fumes
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6 ACCIDENTAL RELEASE MEASURES

- Shut off source of leak, if safe to do so
 - Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
 - Absorb spillage in earth or sand
 - Flush spill area with copious amounts of water
 - Wear protective clothing as per section 8
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7.1 HANDLING

- The usual precautions for handling chemicals should be observed
 - Do not breathe vapour/fumes (S23)
 - Avoid contact with skin & eyes
 - In use, may form flammable/explosive vapour-air mixture (R18)
 - Keep away from heat and sources of ignition
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7.2 STORAGE

- Keep container tightly closed and dry (S7/8)
 - Store above 5 deg C
 - Do not store above 30 deg C
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8.1 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Wear suitable clothing, including eye/face protection and gloves (plastic or rubber are recommended)
 - Wear approved respirator if exposure likely to exceed MEL/OES
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8.2 EXPOSURE LIMITS

- OES/LTEL 50 ppm 188 mg/m³
- OES/STEL 150 ppm 560 mg/m³

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9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, cream, viscous, miscible with water
 - Sweet-smelling
 - Non-combustible
 - Boiling point 100 deg C
 - Flash point >35 deg C (CC)
 - Auto-ignition point - not known
 - pH 7-9
 - density 1.05 kg/m³ at 20 deg C
 - Dispersible
 - Viscosity 25,000 mPa.s at 20 deg C
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10 STABILITY AND REACTIVITY

- Miscible with water
 - No hazardous reactions known if used for its intended purpose
 - Decomposition products may include carbon oxides
 - Sensitive to frost
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11 TOXICOLOGICAL INFORMATION

- No experimental data available
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12 ECOLOGICAL INFORMATION

- Not readily biodegradable
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13 DISPOSAL CONSIDERATIONS

- disposal should be in accordance with local, state or national legislation
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14.1 TRANSPORT REGULATIONS

PROPER SHIPPING NAME:

NOT APPLICABLE

14.2 TRANSPORT INFORMATION

- Not classified as hazardous for transport
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15 REGULATORY INFORMATION

- The COSHH Regulations apply in the UK
 - The Environmental Protection Act applies in the UK
 - This Safety Data Sheet does not constitute a workplace risk assessment
 - The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents
 - The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications – usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.
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15.1 RISK PHRASES

15.2 SAFETY PHRASES

16 OTHER INFORMATION

For intended use and applications see the Technical Data Sheet for the product. If you have purchased the product for supply to a third party for use at work, it is your duty to secure that any person handling or using the product is provided with the information in this sheet. If you are an employer, it is your duty to tell your employees and others that may be affected, of any hazards described in this sheet and of any precautions, which should be taken.