ALCOLIN

TECHNICAL DATA SHEET

ALCOLIN PEEL ‘N SEAL

Description

Alcolin Peel ‘n Seal is a self-adhesive polymer modified bitumen adhesive tape backed with a durable aluminium foil that creates a watertight seal on almost any surface. It is ready to use and ideal for sealing and repairing of metal sheeting, water tanks, down pipes and gutters. It is supplied in rolls that are interleaved with a disposable release film.

Features & Benefits

- Instant water-tight seal – impermeable to moisture and water vapour
- Quick effective repairs
- Excellent resistance to weathering
- Durable, remaining permanently flexible
- Strong aluminium foil backing

Applications

Sealing and repairing of holes, gaps and overlaps in galvanized roof sheeting, valley gutters, down pipes, roof screws, flashings, parapets, window frames, pipe vents, ridging, metal boxes, galvanized buckets, water tanks, sheds and kennels.

Adhesion

Galvanised steel, aluminium, stainless steel, concrete, cement plaster, polycarbonate, PVC, glass, and wood.

Limitations

- Not suited for polypropylene, polyethylene and Teflon.
- Not suitable for sealing of high-pressure systems.

Safety instructions

Alcolin Peel ‘n Seal is non-toxic; however, it is advisable to wear gloves in order to avoid direct skin contact. If the product comes in contact with skin or eyes, flush thoroughly and immediately with water. If irritation continues, seek medical attention. Keep out of reach of children! Refer to our Safety Data Sheet for further toxicological information and comprehensive handling instructions.

Surface preparation

Surfaces to be bonded must be clean, structurally sound, dry and free from dust, dirt, oil, rust and loose material. Smooth non-porous surfaces such as metals and plastics should degreased with a solvent such as acetone or

thinners. Any gaps should be filled prior to application. Poor surface preparation may result in lifting and delamination of the tape.

Directions for use

- Ensure that surfaces are prepared as above.
- Unroll the tape and measure the correct length for the area to be sealed.
- Cut the tape ensuring a 40mm overlap.
- Allow the tape to warm in the sun before application.
- Peel the release paper back from one end and press the tape firmly onto the surface.
- Removing the backing tape as you proceed.
- On angles and grooves press firmly into the angle or groove first.
- For a smooth finish, press tape with a rubber hand roller, working from the center outwards, remove any air bubbles and creases ensuring firm contact is made with the surface.
- The aluminium foil backing must not be removed.

Storage stability

Store in cool place below 25°C. Recommended storage is 24 months.

Product packaging

- Alcolin Peel 'n Seal 2.5m x 50mm
- Alcolin Peel 'n Seal 2.5m x 75mm
- Alcolin Peel 'n Seal 2.5m x 100mm
- Alcolin Peel 'n Seal 2.5m x 150mm
- Alcolin Peel 'n Seal 5m x 100mm
- Alcolin Peel 'n Seal 10m x 75mm
- Alcolin Peel 'n Seal 10m x 100mm

Product data

Type	Polymer modified bitumen adhesive	
Appearance	Black Bitumen with aluminum reflective covering	
Thickness: Backing Adhesive Total	 35µm 865µm 900µm	
Melting Point	115°C	
Minimum Application Temperature	+15 to 45°C	
Recommended servicing temperature	-20 to 65°C	
Adhesion to prime steel	ASTM D1000	2.5N/mm^2
Adhesion to self	ASTM D1000	2.5N/mm^2
Resistance to Cathodic Disbonding	ASTM G95	Excellent
Water resistance	Excellent	
Resistance to acids, alkalis and salts	Excellent	

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Ask a sticky question...
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