

FLASHBAND DATA SHEET

SHUK ENGINEERING
DISTRIBUTORS LTD

ORIGINAL FLASHBAND - SELF ADHESIVE FLASHING TAPE

CODE : **0820**

DESCRIPTION

Flash band is a self - adhesive, aluminium faced bitumen backed sealing tape.

It is a quick efficient and cost effective method of flashing, sealing & repair, that produces a lasting protection in most climates.

Flashband is proven in NZ conditions for over 30 years.

FEATURES & BENEFITS

Quick & easy application

Long life in most climates - 15 years life expectancy (if applied correctly)

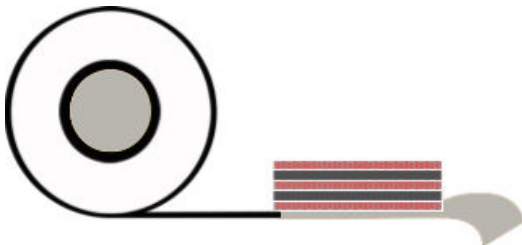
Zincalume roof paint system compatible

Excellent service temperature range - 10c to +100c

Provides a permanent watertight seal & bonds to most building materials

The aluminium face can be painted over.

CONSTRUCTION



- Lacquer Coating
- Heavy Duty Aluminium Foil
- Tearproof Plastic Membrane
- Bituminous Pressure Sensitive Adhesive
- Release Plastic or Paper Backing

TECHNICAL DATA

Adhesive :	Resin modified Bituminous adhesive
Colours :	Bright Aluminium & Grey finish
Thickness :	1.3mm
Temperature resistance :	+5c to + 30c Note in cold weather application (below +15c) it is suggested that warming the surfaces & storing the flashband in a warm place prior to use
Life Expectancy:	: Up to 15 years (if applied correctly).
Application:	Ensure all surface application instructions are followed & hand pressure + seam roller is used to allow the adhesive to form an effective bond.

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APPLICATIONS

Provides a permanent watertight bond onto most building materials including

Brick, masonry, slate, Concrete roof tiles, Wood, Metal, Concrete, Terracotta tiles, Glass, Roofing felt, Rigid Plastics etc.

Roofing

Sealing around chimneys, vents & skylights.

Reinforcing & sealing joints & penetrations.

Provides a cap seal in tile & slate roofs.

Repairs holes & perforations in metal roofing.

Seals & bridges gaps & seams.

Repairing or replacing lead flashings.

Repairing roofing felt joints on flat roofs.

Glazing

Protects & seals glazing bars and

skylights.

Used in greenhouse watertight repairs.

Plumbing

Leak mends in drain pipes & guttering.

Seals valley guttering.

Other

Seals pipes & tank insulation.

Seals around vents in walls & roofs.

Seals around HVAC duct work.

Used as a soundproofing tape

PREPARATION :

1. Surfaces must be clean, dry, and free from dust, dirt, grease & loose materials.
2. Gaps, deep hollows and depressions greater than 3mm should be filled with appropriate filler (not silicone).
3. For improved adhesion on porous or uneven surfaces primers maybe required or lightly heat the bitumen adhesive for better initial grip.

APPLICATION :

1. Cut the Flashband to the required length.
2. Remove approx. 50mm of release backing paper & carefully position the sealing strip.
3. To avoid creasing when applying, hold the release paper firmly and remove it steadily from the sealing strip as the product is applied.
4. Smooth gently into positioning hand pressure.
5. Using a seam roller smooth the tape to ensure good overall contact and expel any air especially on overlaps & at edges.
6. When laying adjacent rolls, Flashband should be overlapped by a minimum of 25mm for a watertight seal
7. Flashband can be over-painted with most conventional paint systems; however some edge staining may occur.
8. Fully bonded Flashband will not accommodate appreciable joint movement
9. For small movements apply a strip of release backing, 50mm narrower than the Flashband along the joint prior to the application of the Flashband.
10. For larger movement, polyethylene foam can be laid proud of the joint, so enabling the web of supported Flashband to accept the movement.
11. Whilst Flashband will not damage plastic sheets it is important to bear in mind the high thermal movement of these materials.
12. If long lengths of plastic are to be sealed, use 500mm lengths overlapped by 25mm to reduce the effect of movement.

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CAUTION - WARNING :

Flashband must not be enclosed in a cementitious mix as it may become brittle.

Flashband is not resistant to attack by acidic or alkaline substances. do not allow contact.

Flashband, flashband primer or any bitumen product must not come in contact with silicone sealants.

Flashband is not intended to withstand foot or vehicular traffic.

Do not torch the foil side of the Flashband Tape.

SURFACE - SUBSTRATE PREPARATION:

The surface to be bonded must be dry & free from any contamination including dust, oils, fats, oxidisation, release agents and any other known contamination.

The correct choice of surface cleaner depends on the surface properties being adhered too. Essentially non-greasy cleaners are recommended including isopropanol alcohol (mixed 50/50 with clean water) & acetone. Cleaning cloths must be clean, grease & fat free with no loose fibres or cloth particles. Please wipe down in one direction to avoid cross contamination.

If additives are known or suspected to be in the application substrates please contact us for further guidance before proceeding.

The bond strength is dependent upon the contact pressure of the adhesive to the substrate.

To assist this process all adhesive tapes require firm hand or preferable use of a roller (extra pressure) upon application.

APPLICATION AIR TEMPERATURE & STORAGE CONDITIONS:

We recommend that the ideal application environment have an air temperature of between +15°C and +30°C. Ensure that the adhesive tape and substrate (especially metals) are allowed time to adjust to the required environment temperature as stated.

For product storage we recommend that all tape products are stored in their original packaging under dry stable conditions, ideally at room temperature but not warmer than +30°C. High relative humidity & direct sunlight must be avoided at all times.

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PRODUCT INFORMATION & USE:

The information in this guide is based upon our knowledge & practical experience. This data is intended only as a source of information given without guarantee & does not constitute a warranty. Due to the wide variety of possible uses & applications, customers should independently determine the suitability of these products for their specific purpose & proposed environment, prior to use. Trial & test samples are available free of charge & without obligation.

In the unlikely event of a product issue: Action Required

Immediately inform us - where appropriate we will organise a site visit

Please inform us of all important relevant information.

We require product & carton batch numbers for correct identification

It is very important to retain a sample of the product in question for further testing and analysis

For more detailed surface preparation and application guide information please contact us or refer to the tapespec website : www.tapespec.co.nz

For product MSDS - Material Safety Data Sheets, please contact us.



WARNING NOTICE

- Make sure the product is suitable for the intended application (objective and conditions) before attempting to use. We recommend prior tape testing to determine the tapes suitability for the application and environment.
- Ensure all surface preparation, substrate guide information, application, temperature, storage conditions and product use is adhered too before continuing.
- Please ensure all product information has been read and understood, if there are any questions please contact us for clarification.

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