



WARMFAST

Vapour Barrier Installation Guidelines

Installation Information

Substrate Condition

- ❖ Surfaces should be smooth and level without voids, sharp protrusions, tension or blisters.

NOTE:

(i) For mechanically fixed or ballasted roofing systems, priming the roof surface is not usually required.

(ii) Avoid in all cases contamination of primed areas prior to laying of WARMFAST VB

- ❖ Surfaces should also be clean, dry and free from dust

Substrate Type

Metal Decking:

- ❖ No primer is required if the metal surfaces are clean and free from grease and rolling oil.
- ❖ Lay WARMFAST VB in the direction of the deck with side laps fully supported on the crowns.
- ❖ At the end laps of the WARMFAST VB first pull taught a 200mm wide strip of the membrane across the corrugations to provide support for the end lap of the WARMFAST VB (150mm wide)

Plywood / OSB

- ❖ Boards should be fully supported at the edges
- ❖ If surface is not clean and dry, prime as required

Concrete / Screed

- ❖ Surface requires priming with bituminous primer.
- ❖ Certain aerated concrete may require two coats
- ❖ Install the WARMFAST VB and insulation in sections to avoid excessive trafficking of the membrane

Bituminous

- ❖ Surface requires Priming, allow drying time before laying

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Vertical Surfaces

Metal Surfaces

- ❖ No Primer. Degrease if necessary
- ❖ Plywood, OSB, Concrete, Brickwork, Blockwork, Cement Particle Board etc.
- ❖ Prime fully as per plywood / OSB above

Porous or Aerated Concrete, Plasterboard

- ❖ 2 coats of Bituminous Primer as per concrete / screed above
- ❖ In certain cases the membrane may require mechanical restraint at its head

NOTE:

At roof penetrations and upstand details the WARMFAST VB should be carried up to encapsulate the insulation

Laps

- ❖ Side laps should be minimum 60mm wide and end laps 150mm, sealed down using a hand roller (no primer required). Below 10°C, laps should be pre-heated using electrical hot air guns before rolling.
- ❖ End laps should be staggered so as not to form a build up of corners.

Formation of T-Joints

- ❖ Cut off the overlapping corner at 45°

NOTE: ALL information contained herein is provided for guidance only. As conditions of usage and installation are beyond our control. The manufacturer / agent disclaims all liability for product use and application

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Product Features

- WARMFAST VB is suitable for all internal conditions including very high humidity.
- WARMFAST VB can be used as a vapour barrier in conjunction with mechanically fixed or adhesively bonded single- ply roofing membranes, built up felt systems, asphalt, liquid waterproofing systems, wet-lay glass fibre, profiled metal sheeting, insulated panels and standing seam systems etc.
- WARMFAST VB has very high tear and puncture resistance
- WARMFAST VB can be bonded to metal decks, plywood, orientated strand board, concrete, brickwork, block-work, plasterboard and cement particle board etc. Porous surfaces should be primed with Bituminous Primer.
- Where the insulation is to be mechanically fixed WARMFAST VB can be applied without primer
- Where the insulation is to be bonded onto the WARMFAST VB, (please consult with us regarding the adhesive) the substrate must be primed with Bituminous Primer before installing the WARMFAST VB
- When applied to the structure WARMFAST VB can act as a temporary waterseal prior to the installation of insulation and waterproofing.
- Correctly installed, WARMFAST VB creates an airtight and vapour tight seal sufficient to accommodate extreme internal conditions, such as buildings containing wet industrial processes, breweries, sports halls, swimming pools, kitchens, bathrooms etc.
- WARMFAST VB can contribute to the overall effectiveness of the vapour seal by providing an element of self-sealing around fixing screw penetrations, where these are used to secure the insulation to the structure.
- Storage of WARMFAST VB should be as follows:
 - (i) Rolls should be kept in their boxes and protected from direct sunlight until the point of use
 - (ii) Rolls can be stored up to 12 months in the original packaging
 - (iii) Store rolls upright, indoors, in a cool dry environment.