

## **APPENDIX 2**

Rubberbond Fleeceback EPDM roofing system information.

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## RUBBERBOND FLEECEBACK EPDM

### Unrivalled

RubberBond FleeceBack leaves rivals behind, not only due to the fleece itself, but also due to the unique patented technology used to laminate the EPDM waterproofing to it. This hot melt technology virtually eliminates all shrinkage that adversely affects many single ply systems.

### Adhesive Technology

The RubberBond FleeceBack EPDM roofing system incorporates a range of adhesives to overcome virtually any substrate and temperature variation. Perimeter and upstand areas are catered for by using a choice of RubberBond Bonding Adhesives allowing for fast perimeter installation and detailing. The fleece backing and adhesive range gives the contractor and property owner superior wind uplift resistance and bond strength due to the excellent strength achieved between the adhesive and the fleece layer.

The exceptional strength, ageing resistance and waterproofing characteristics of EPDM, with the added tough, reinforcing fleece backing provides the architect, roofing contractor and building owner with an outstanding, unmatched, superior flat roofing system.

The unique fleece backing allows easy installation to a variety of deck surfaces resulting in a system suitable for overlayment of existing surfaces, roof renovation, new projects, domestic roofing or industrial installation.

The fleece backing acts as a cushioning layer, designed for use over minor imperfections, splits or ridges that may have formed in the existing roof system.

The often overlooked benefit of RubberBond FleeceBack is that it doesn't require peel stops or base tie in details that is required by the majority of other single ply systems, including standard EPDM. The purpose of a base tie in is to control the expected 10% shrinkage that occurs with other non-reinforced membranes.

The patented hot melt technology used to laminate the FleeceBack layer to the EPDM sheet eliminates this shrinkage, therefore removing the need and expense of the base tie in detail.

When the installation of correctly installed systems is compared with the upgrade to FleeceBack, a better, stronger product can be fitted for a similar cost to a lesser membrane.

### Climate

Unlike most traditional waterproofing membranes, RubberBond FleeceBack™ EPDM is completely resistant to temperature variations, weather and UV radiation. There is no need to protect the RubberBond membrane from sunlight either during construction or after!

The flexibility of RubberBond FleeceBack™ EPDM membrane allows for seamless angle changes. Combining this with the enhanced adhesion characteristics of the membrane's fleece backing, makes upstands of any height, to any surface a possibility. RubberBond Adhesives are suitable for a wide range of substrates making the installation a flame and heat free process. Roof details are waterproofed by either pre-formed accessories or Uncured Pressure Sensitive Tape and RubberBond HP-250 Primer, minimising time and labour needed to complete your flat roof project.

### RubberBond® FleeceBack™ EPDM 3.05m Wide Membrane with Factory-Applied Tape (FAT™) and 1.52m Wide Membrane with FAT™

RubberBond FleeceBack EPDM is available with the added benefit of Factory-Applied Tape (FAT™) seam technology. FAT™ has been proven to reduce seaming time by 75%, cutting labour requirements over other seaming methods in the marketplace. FAT™ reduces the risk of seam failure by applying seams in a factory controlled environment and delivering 30% greater peel strength and 32% greater shear strengths than standard seaming methods.

The FAT™ is applied to one edge of the roll, the other edge has a guide line to ensure correct overlap widths and membrane placement. FAT™ improves seaming productivity, completing projects faster, improving ability to get buildings 'in the dry' in less time and minimising business disruption.

Manufactured in two membrane sizes:

1.52m wide by 12.2m long, (18.54m<sup>2</sup>)

3.05m wide by 15.25m long, (46.51m<sup>2</sup>)

The 3.05m wide roll is also available in a non FAT™ version and spliced with 75mm PS SecurTAPE.

[Material Safety Data Sheet](#)

[Technical Data Bulletin](#)

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