



### Technical data

|                |  | Material                |
|----------------|--|-------------------------|
| Backing        |  | Elastic PE carrier film |
| Main component |  | Butyl rubber            |
| Release film   |  | Silicone-coated PE film |

  

| Property                | Regulation   | Value   |
|-------------------------|--------------|---|
| Colour                  |              | Butyl rubber: grey, film: white                     |
| Surface weight          | BS EN 1849-2 | 1.35 kg/m <sup>2</sup>                              |
| Thickness               | BS EN 1849-2 | 1.05 mm   |
| sd value                | BS EN 1931   | > 200 m   |
| g value                 | BS EN 1931   | > 1 000 MN-s/g                                      |
| Outdoor exposure        |              | 3 months  |
| Application temperature |              | +5 °C to +35 °C ; 41 °F to 95 °F; frost-free nights |
| Temperature resistance  |              | Permanent -20 °C to 80 °C ; -4 °F to 176 °F         |
| Storage                 |              | Cool and dry  |

### Areas of application

For creating seals underneath sills/sole plates/thresholds in timber structures, for sealing wood-based panels to smooth mineral surfaces, for taping sub-roof panels to one another (e.g. in roof valleys and transitions), and for sealing these to adjoining structural elements.

#### Splits on release film

##### Tape width Split (approx.)

|        |              |
|--------|--------------|
| 100 mm | 50   50 mm   |
| 150 mm | 75   75 mm   |
| 200 mm | 100   100 mm |
| 300 mm | 150   150 mm |

### Supply form

| Art. no. | Length | Width  | Splits on release film | Weight  | Sales unit | Container | GTIN          |
|----------|--------|--------|------------------------|---------|------------|-----------|---------------|
| 15363    | 20 m   | 100 mm | 50   50 mm             | 3.6 kg  | 3          | 180       | 4026639153630 |
| 14136    | 20 m   | 150 mm | 75   75 mm             | 5.4 kg  | 2          | 120       | 4026639141361 |
| 14137    | 20 m   | 200 mm | 100   100 mm           | 6 kg    | 2          | 84        | 4026639141378 |
| 14698    | 20 m   | 300 mm | 150   150 mm           | 10.4 kg | 1          | 60        | 4026639146984 |

### Advantages

- ✓ Protects building structures against water ingress with its strong sealing effect
- ✓ Secure sealing: butyl rubber penetrates deep into the subsurface
- ✓ Easy to work with: very elastic – can adapt flexibly to subsurfaces and corners
- ✓ Subsequent work can be started quickly: adheres to stable mineral subsurfaces without primers
- ✓ Construction in adherence with standards: for airtight sealing in accordance with DIN 4108-7, SIA 180 and RE 2020
- ✓ Excellent values in hazardous substance testing, has been tested according to the ISO 16000 evaluation scheme

### Substrates

Clean subsurfaces before sticking. Adhesion to frozen surfaces is not possible. There must be no water-repellent substances (e.g. grease or silicone) on surfaces where adhesives are to be applied. Subsurfaces must be sufficiently dry and stable; if necessary, subsurfaces should be stabilised or renewed.

Adhesive bonds are possible on planed and painted wood, hard plastics and metal (e.g. pipes, windows etc.), hard wood-based panels (chipboard, OSB, plywood, MDF and wood-fibre underlay panels) and mineral subsurfaces such as concrete, non-plastered masonry or plaster.

Pre-treatment with TESCON PRIMER is required in the case of adhesion to wood-fibre underlay panels or on smooth, mineral subsurfaces. It may be necessary to apply a bead of adhesive sealant – e.g. ORCON F – underneath the tape to achieve reliable seals on rougher surfaces.

The best results in terms of reliability are achieved on high-quality subsurfaces. Particular care is necessary when working with older or multi-layer subsurfaces. It is your responsibility to check the suitability of the subsurface; adhesion tests may be necessary in certain cases. Pre-treatment of the subsurface with TESCON PRIMER will improve the adhesive bond.

## General conditions

The adhesive bonds should not be subjected to tensile strain. Rub the tape firmly to secure the adhesive bond. Ensure there is sufficient back pressure. Windproof, airtight or rainproof seals can only be achieved on vapour control membranes, roofing underlay membranes or facade membranes that have been installed without folds or creases. This product can only be worked with if daytime and nighttime temperatures are  $> 5^{\circ}\text{C}$ .

If the initial bond is not satisfactory, a solvent (e.g. white spirits) may be applied to the grey butyl rubber side of the tape. The solvent increases the adhesiveness of the butyl rubber at low temperatures.

The tape is self-sealing under the effect of heat.



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The information provided here is based on practical experience and the current state of knowledge. We reserve the right to make changes to the recommended designs and processing or to make alterations due to technical developments and associated improvements in the quality of our products. We would be happy to inform you of the current technical state of the art at the time you use our products.

Further information about application and construction is given in the pro clima planning documentation and application recommendations. If you have any questions, please call the pro clima technical hotline Ireland and UK:

Phone: +353 46 9432104  
Fax: +353 46 9432435  
[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)

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### For Stockists contact

#### Ireland

Phone: +353 (0)46 9432104  
Fax: +353 (0)46 9432435

#### UK

Phone: +44 (0)1228 711 511  
Fax: +44 (0)1228 712 280

#### Ecological Building Systems

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)  
[www.ecologicalbuildingsystems.com](http://www.ecologicalbuildingsystems.com)

#### MOLL bauökologische Produkte GmbH

Rheintalstraße 35 - 43  
68723 Schwetzingen  
Germany  
[www.proclima.com](http://www.proclima.com)

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For over 20 years, Ecological Building Systems has been at the forefront of environmental and sustainable building products supplying a range of innovative airtightness solutions and natural insulations backed up with expert technical support.

**As product suppliers in the UK and Ireland, we're happy to assist you with your projects and have expert technical and sales advice on hand.**



**Call us**

**Great Britain** +44 (0)1228 711511

**Ireland** +353 46 9432104



**Email us**

[info@ecologicalbuildingsystems.com](mailto:info@ecologicalbuildingsystems.com)



**Find us**

**Great Britain** Ecological Building Systems UK Ltd.,  
Cardewlees, Carlisle, Cumbria, CA5 6LF,  
United Kingdom

**Ireland** Ecological Building Systems Ltd.,  
Main Street, Athboy. Co. Meath, C15 Y678,  
Republic of Ireland