

Your advantages

- **Benefit from fast installation:** size of the rolls, guidelines to help you during the installation
- **Facilitate and secure the installation:** lightweight and resistant to tearing
- **Earn extra time:** can temporarily protect the roof during construction
- **Fit all the projects:** comprehensive range of products

Your customers advantages

- **Improved well-being** by protecting and increasing the life the insulation
- **Increased protection** against infiltration of powder snow and dust
- **Increased roof watertightness** with an additional underlay layer

Boost my business!

ROOF UNDERLAY

ONDUTISS®

Underlay membranes and foils to protect insulation of houses and the well being of your customers



DTU series 40.1 et 40.2
 Reaction to fire Euroclass E or A1
 EN 13859-1
 CE
 EN 13859-2
 CE

Technical characteristics

| Type | Name | Length | Width | Weight (g/m ²) | Sd | Material | Resistance to tearing longitudinal N/5cm | Resistance to tearing transversal N/5cm | Resistance to tearing N |
|--------------|--------------------|-----------|-------|----------------------------|-------|---------------|--|---|-------------------------|
| Exterior use | AIR 220+ | 50m | 1.5m | 220 | 0,02m | PP 3 layers | 280 | 170 | 230 |
| | AIR 170 | 50m | 1.5m | 170 | 0,02m | PP 3 layers | 240 | 140 | 170 |
| | AIR 150 | 50m | 1.5m | 150 | 0,02m | PP 3 layers | 230 | 130 | 160 |
| | WIND 100 | 50m | 1.5m | 100 | 0,02m | PP 2 layers | 150 | 80 | 90 |
| | STRONG | 10 or 30m | 1m | 450 | | Bitumen + PES | 400 | 280 | 140 |
| Interior use | BARRIER REFLEX 150 | 50m | 1,5m | 150 | | Reinforced PE | 260 | 170 | 150 |
| | BARRIER 110 | 20 or 50m | 1.5m | 110 | | Reinforced PE | 250 | 250 | 75 |
| | BUILD | 20 or 50m | 2m | 200 | | PE 1 layer | 70 | 50 | 75 |

⁽¹⁾ Also available breathable PE foils (ONDUTISS® COLD) and woven PP (ONDUTISS® CROSS). Please contact us for further details. ⁽²⁾ in N/mm.

Range

| | | | | | |
|---|---|---|--|---|---------------------------------|
| | | | | | |
| ONDUTISS® AIR | ONDUTISS® WIND | ONDUTISS® BARRIER | ONDUTISS® BARRIER REFLEX | ONDUTISS® STRONG | ONDUTISS® BUILD |
| Highly breathable membranes to protect your insulation from outside | Wind protection membrane made of a single layer PP providing a long lasting protection for your walls | Vapour proof foil made of reinforced PE to protect your home insulation from inside | Reflective vapour proof foil made of reinforced PE with aluminum coating designed to protect your home insulation from inside while preserving interior heat | Bituminous membrane designed to protect your roofs and attics | Simple PE foil for construction |

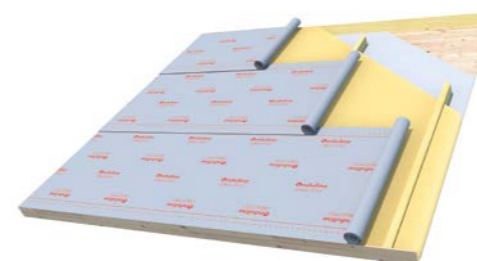
How to select ?

| | Protection for | Insulated roof | Not insulated roof |
|----------|-----------------------------------|----------------|--------------------|
| Exterior | Roof | AIR | STRONG |
| | Walls | WIND | |
| Interior | Insulation with heat preservation | REFLEX BARRIER | |
| | Insulation | BARRIER | |
| | House in general | BUILD | |

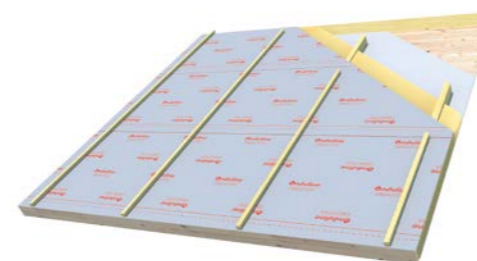
Accessories



Installation principles for breathable membranes



1 Roll out ONDUTISS® AIR in parallel with the gutter, starting from the bottom, always the printed side facing up. The membrane can be laid directly on the thermal insulation with slight tension.



2 Fix the bands directly to the rafters with a stapler. Nail counter batten on top of the membrane through to the rafters to protect the fixing area.



3 In case of any protruding element, cut ONDUTISS® AIR across the width and turn up on the protruding elements (chimneys, ventilations, windows etc.). Fix ONDUTISS® AIR with ONDUTISS® sealing tape.



For other types of membranes and detailed fixing guide, please visit onduline.com