

Technical data sheet

SA20 21538 10/04/26

ONDUTISS®
AIR 160

DESCRIPTION

3-layer high vapour permeable house wrap designed for all wall constructions, including timber, metal, and concrete, is a highly breathable housewrap, ideal for timber, concrete and steel framed constructions.

APPLICATION

- Initial underlay for thermally insulated, ventilated, sloping roofs, on roofs with full deck or purlins, and suitable for cold and warm roof applications. To be applied in both new-build construction and renovation, in association with clay or cement tiles on Individual & Collective Housing, Commercial, Institutional or industrial building. ONDUTISS® AIR 140 roof membranes should only be used at altitudes below 900 metres.

BENEFITS

- High vapour permeability
- Overlap indicators printed on the membranes for fast and easy installation. Adhesive strip option available
- flexible, robust products
- Also protects The roof during works
- Can be applied directly to The insulation
- BBA Certification (21/5961), Compliant to BS 5534 and BS 5250 requirements

TECHNICAL CHARACTERISTICS

Item Length (m)	50
Item Width (m)	1,5;1
Net Weight (kg/SQM)	0,16

PRODUCT PERFORMANCE

Watertightness (Class)	W1
Watertightness	W1
Water Vapor Resistance factor Sd (m)	0,02 [-0,01/+0,03] *
Tensile strength (Longitudinal/Transverse Direction) (N/50mm)	350/240 ±30%
Elongation At Maximum Load (Longitudinal/Transverse direction) (%)	70/70 ±30%
Nail Shank Tear Resistance (N)	140/230 ±20%
Flexibility At Low Temperature (Pliability) (°C)	≥-40
Durability Of Elongation (Longitudinal/Transverse Direction) (%)	≥50% of initial value tested
Durability Of Resistance To Water Penetration (Class)	W1
Durability Of Tensile Strength (Longitudinal/Transverse direction) (N/50mm)	≥60% of initial value tested
Reaction To Fire (Class)	E

INSTALLATION

Installation Recommendation	The product should be installed in accordance with the manufacturers' installation guidelines.
Handling Recommendation	Store rolls horizontally on the pallet or upright after opening in a dry, shaded area. Protect from direct sunlight, weather, and solvents until use.

WARRANTY

10-year waterproofing warranty - See terms and conditions in official documentation
All the claims will be considered with respect to application recommendations issued by Onduline company.



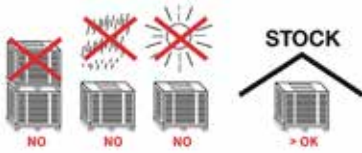
onduline.uk

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Onduline®
Lightweight roofing systems

STORAGE

The rolls should be stored in an upright position under cover, ventilated, free from moisture place. Protected from chemical detergents, high temperatures and sunlight, as they are diminishing technical parameters of the material or cause permanent damage. The rolls must be transported in covered means of transport, protected from damage.



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EN 13859-1:2010/EN 13859-2:2010

1434 - Polskie centrum badan i certyfikacji s.a. / 1301 - Technicky a skusobny ustav stavebny, n. o.



Tariff code - HS : 56031480

This TDS was made based on currently available information. Product was made in accordance with above mentioned parameters but producer/distributor can't anticipate any future change as well as change of regulations. It is the consumer's responsibility to use the product in accordance to producer/ distributor recommendations and his needs. All the claims will be considered with respect to application recommendations issued by Onduline company.

For the latest version available, please consult (www.onduline.co.uk) onduline.uk