

Technical data sheet

SA006 1105 12624 V3

ONDULINE EASYLINE®

Material/Application

EN 534:2010 - Corrugated bitumen sheets

- Category S

DOP: 06-002 2016-12-12



Technical characteristics

| | | | |
|-----------------------------------|---|------------------------|-----------------|
| Length (m) | L | 100 cm | [-0.2 ; +1] cm |
| Width (m) | W | 76 cm | ± 1.5 cm |
| Thickness | t | 2.6 mm | [-10 % ; +10 %] |
| Heigh of corrugation | H | 38 mm | ± 2 mm |
| Pitch of corrugation | P | 95 mm | ± 3 mm |
| Gross surface | | 0.76 m ² | |
| Net coverage surface | | 0.53 m ² | |
| Weight of product (PPHR) | | 2.23 kg | ± 0.16 kg |
| (INTENSE) | | 2.28 kg | ± 0.16 kg |
| Weight (g/m ²) (PPHR) | | 2.93 kg/m ² | [+/-10 %] |
| (INTENSE) | | 3.0 kg/m ² | [+/-10 %] |
| Nb of corrugations | | 8 | |

Mechanical & physical properties

| | |
|-----------------------------|------------------------|
| Bending under downward load | > 700 N/m ² |
| Impact strength | 250 mm |
| Tearing strength | ≥ 150 N |
| Water impermeability | Pass ¹ |
| Proportion of bitumen | > 40% |
| Homogeneity | Pass ² |
| Water absorption | < 20% |
| Recycled content | 50 % ³ |

Durability

| | |
|-----------------------------------|----------------------------|
| Water impermeability after ageing | Pass ¹ |
| Tearing strength after ageing | ≥ 150 N |
| Thermal coefficient | < 100.10 ⁻⁶ 1/K |

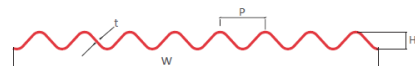
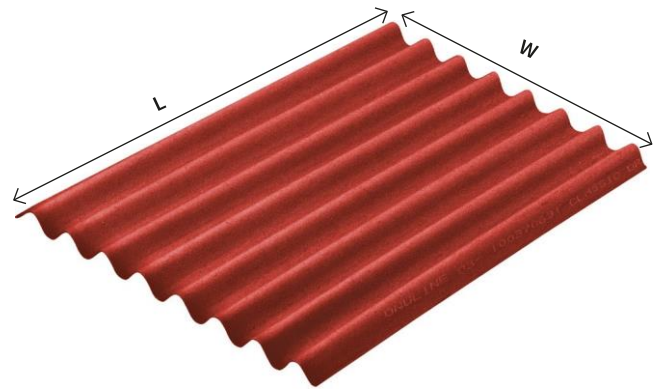
1 No drop of water underneath sheet after 48 hours

2 No area larger than 1 cm² without bitumen

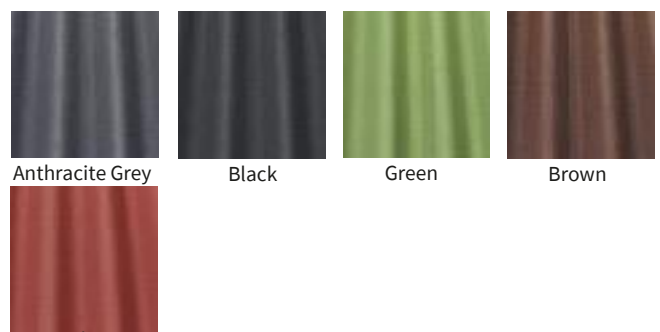
3 ICC-ES VAR Environmental Report VAR-1016 - independant third party official report

Fire resistance

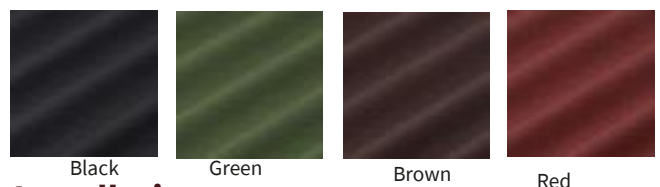
| | |
|--|-------|
| Reaction to fire – EN 13501-1 | E |
| External fire performance – EN 13501-5 | Froof |



Intense colors



Matte colors



Installation

Special conditions of installation are required.
Refer to the installation guide.

Warranty

All the claims will be considered with respect to application recommendations issued by Onduline company see terms and conditions.

Tariff code - HS: 68079000

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. See terms and conditions: <https://www.onduline.com/en/terms-and-conditions>



onduline.com

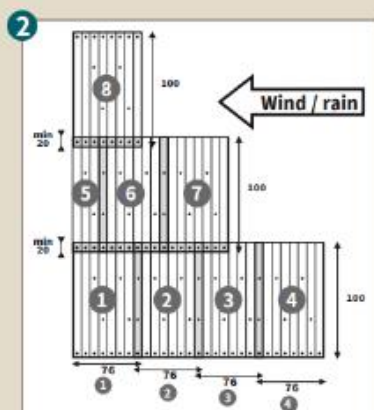
5-7 rue Frédéric Clavel -
FR – 92150 Suresnes

Onduline®
Lightweight roofing systems

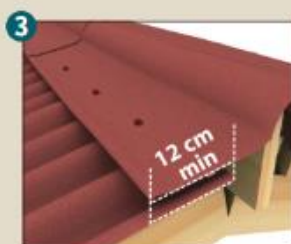
INSTALLATION IN FEW AND EASY STEPS



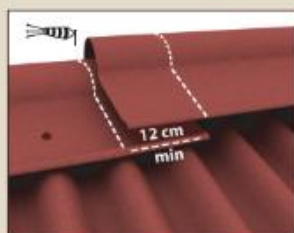
Laying in staggered rows avoids the superposition of 4 sheet thicknesses at overlap points. Always start your first row at the gutter, leaving maximum 7 cm overhang. Begin the second row with half an ONDULINE EASYLINE® sheet (cut lengthwise) and carry on with complete sheets.



Sheets must be fixed onto each of their supporting battens. Every corrugation should be nailed at eaves, overlaps and ridges. Every second corrugation has to be fixed at the intermediate purlins. The fixing at the intermediate purlins has to be staggered.



The ridge element has to overlap the ONDULINE EASYLINE® sheet min 12 cm.



The ridge elements are fixed in opposite direction to the prevailing winds.

4 Roof support

Battens rules. The roof pitch and occasional load (especially wind and snow) determine the distance between the battens.

The maximum distance is in any case 43 cm.

Roof pitches

>9 %

Maximum battens distance



Boarding only (Recommended)

Minimum end overlap



30 cm

Minimum side overlap



2 corrugations

Effective sheet coverage

0,47 m²

>27 %



43 cm



15 cm



1 corrugation

0,57 m²

How to cut and trim your product?



You can easily cut the sheets with roofers cutter, or with hand or mechanical saw.

FOR MORE INFORMATION



Watch the installation video!