

# Technical data sheet

T06031 - V01 - 05-2019

**ONDULINE®**  
**CLASSIC DR**

## Material / Application

Corrugated bitumen sheet reinforced with cellulosic fibers and thermosetting resin applied on both sides of the product. The composite is colored with inorganic pigments.

Lightweight bitumen sheet for roofing application on residential buildings.

CE EN 534:2010 - Corrugated bitumen sheets - Category R.

DOP: 06-001 2016-12-12

## Technical characteristics

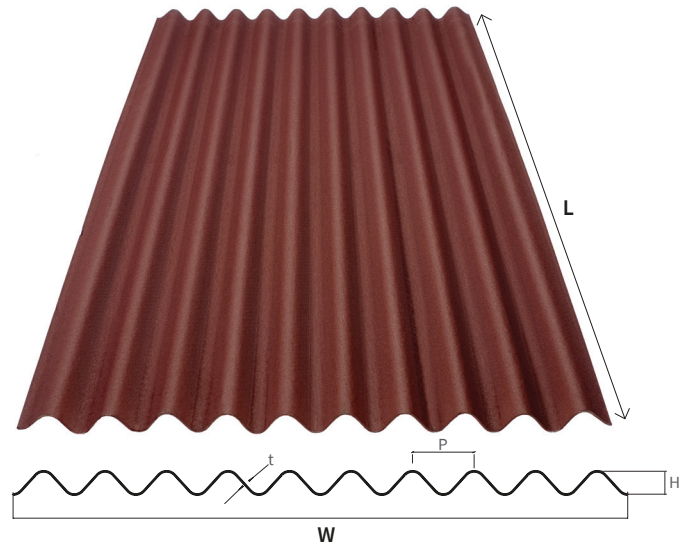
|                            |   |                        |
|----------------------------|---|------------------------|
| Length                     | L | 200 cm                 |
| Width                      | w | 95 cm                  |
| Thickness                  | t | 3 mm                   |
| Height of corrugation      | H | 38 mm                  |
| Pitch of corrugation       | P | 95 mm                  |
| Product surface            |   | 1.90 m <sup>2</sup>    |
| Weight of product          |   | 6.5 kg                 |
| Weight per product surface |   | 3.40 kg/m <sup>2</sup> |
| Corrugations               |   | 10                     |

## MECHANICAL & PHYSICAL PROPERTIES

|                                         |                         |
|-----------------------------------------|-------------------------|
| Bending under downward load             | ≥ 1400 N/m <sup>2</sup> |
| Impact strength                         | 400 mm                  |
| Tearing strength                        | > 200 N                 |
| Water impermeability                    | Pass <sup>1</sup>       |
| Proportion of bitumen                   | > 40%                   |
| Homogeneity                             | Pass <sup>2</sup>       |
| Water absorption                        | < 20%                   |
| Water vapor permeability - EN ISO 12572 | Not applicable          |

<sup>1</sup>No drop of water underneath sheet after 48 hours

<sup>2</sup>No area larger than 1 cm<sup>2</sup> without bitumen



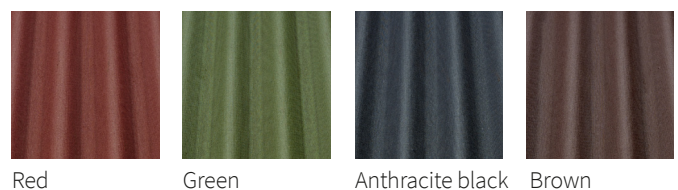
## DURABILITY

|                                   |                   |
|-----------------------------------|-------------------|
| Water impermeability after ageing | Pass <sup>1</sup> |
| Tearing strength after ageing     | > 200 N           |
| Thermal coefficient               | < 100.10-6 1/K    |

## FIRE PERFORMANCE

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

## Color



## Installation

Special conditions of installation are required. Refer to "Onduline handbook" installation guide.

[sea.onduline.com](http://sea.onduline.com)

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Lightweight roofing systems