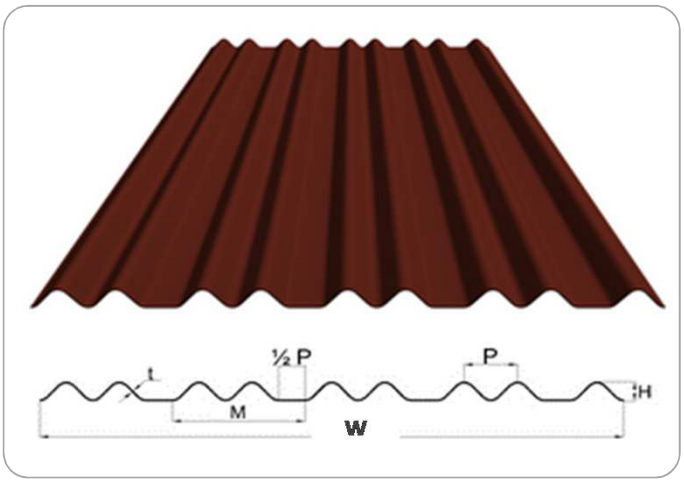
CORRUGATED BITUMEN SHEET
TECHNICAL DATA SHEET

Date: 20160329
Reference: T05009 - V03

ONDULINE® CLASSIC 235 DR

Product characteristics

Length	L	200 cm
Width	w	106 cm
Thickness	t	3 mm
Heigh of corrugation	H	38 mm
Pitch of corrugation	P	96 mm
Gross surface		2,11 m²
Weight of product		6,9 kg
Weight per gross surface		3,3 kg/m²
Corrugations + Flats		9 + 4



General information

► Application field
Lightweight corrugated roofing material and wall-cladding material. Ideal for all types of applications, specially in hot and humid climates.

► Material description
Corrugated bitumen sheet reinforced with cellulosic fibers and thermosetting resin. The composite is colored with inorganic pigments.

► Color range
Red — Brown
Green — Anthracite black

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

► Tariff custom code
HS: 68079000

Technical data

► Mechanical & physical properties

Bending under downward load	≥ 1400 N/m²
Impact strength	400 mm
Tearing strength	> 200 N
Water impermeability	Pass[1]
Proportion of bitumen	> 40%
Homogeneity	Pass[2]
Water absorption	< 20%
Water vapor permeability - EN ISO 12572	Not applicable

[1]No drop of water underneath sheet after 48 hours
[2]No area larger than 1 cm² without bitumen

► Durability

Water impermeability after ageing	Pass[1]
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	Froof

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