Technical data sheet
T06043 - V01 - 01-2022

Material / Application

Lightweight bitumen sheet for roofing application on auxiliary buildings.

Bitumen sheet reinforced with cellulosic fibers and thermosetting resin. The composite is colored with inorganic pigments.

CE EN 534:2010 - Corrugated bitumen sheets - Category S.
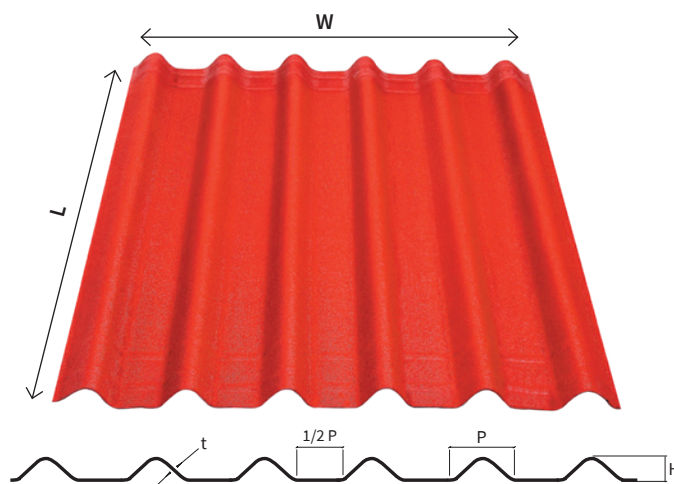DOP: 06-002 2016-12-12

Technical characteristics

Length	L	100 cm
Width	w	82 cm
Thickness	t	2.6 mm
Heigh of corrugation	H	38 mm
Pitch of corrugation	P	96 mm
Gross surface		0.82 m²
Net coverage surface		0.62 m²
Sheets to cover 1 m² net		1.61
Weight of product		2.26 kg
Weight / m²		2.76 kg/m²
Corrugations + Flat parts		6 + 5

MECHANICAL & PHYSICAL PROPERTIES

Bending under downward load	> 700 N/m²
Impact strength	250 mm
Tearing strength	> 150 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
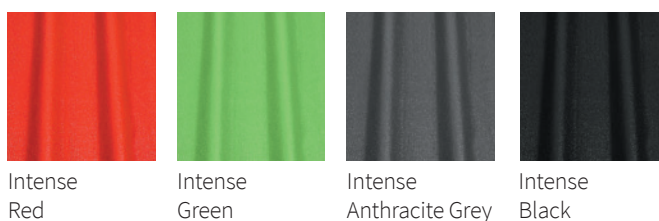
DURABILITY

Water impermeability after ageing	Pass[1]
Tearing strength after ageing	> 150 N
Thermal coefficient	< 100.10-6 1/K

FIRE PERFORMANCE

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

Color

Intense Red	Intense Green	Intense Anthracite Grey	Intense Black

Installation

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

Support :
- **Full deck strongly recommended**
- On purlins : 28cm between battens
- Possibility to combine with Onduline EASYFIX sheets (2m)

Minimum Pitch required : 15%.
Overhang at eave : 4cm recommended
End Overlap : 15cm
Side overlap : 1 corrugation (9,5cm)
Fixings per Sheets: 10

Always fix in the top of corrugations, using Onduline fixings with special washer for safe waterproofing. Stagger the rows, by starting the second row with a half sheet to avoid 4 layers overlap.
At eave and overlaps, it is particularly important to fix every corrugation.