

Technical data sheet

ONDUVILLA TILE®

TDS-PH032025

Material/Application

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

ETA 10/0018 Corrugated bitumen Tile

DOP: 2023-004 SA009

Technical characteristics

Length (m)	L	400 mm	[-1 ; +4] mm
Width (m)	W	1070 mm	± 20 mm
Thickness	t	3 mm	[+/-10 %]
Heigh of corrugation	H	38 mm	± 2 mm
Pitch of corrugation	P	97 mm	± 3 mm
Gross surface		0.43 m ²	
Net coverage surface		0.31 m ²	
Weight of product		1.30 kg	± 0.09 kg
Installed Weight (g/m ²)		4.19 kg/m ²	[+/-10 %]
Nb of corrugations/flat		6/5	

Mechanical & physical properties

Bending under downward load	Not Applicable
Impact strength	Not Applicable
Tearing strength	≥ 200 N
Water impermeability	Pass ¹
Proportion of bitumen	> 40%
Homogeneity	Pass ²
Water absorption	< 20%

Durability

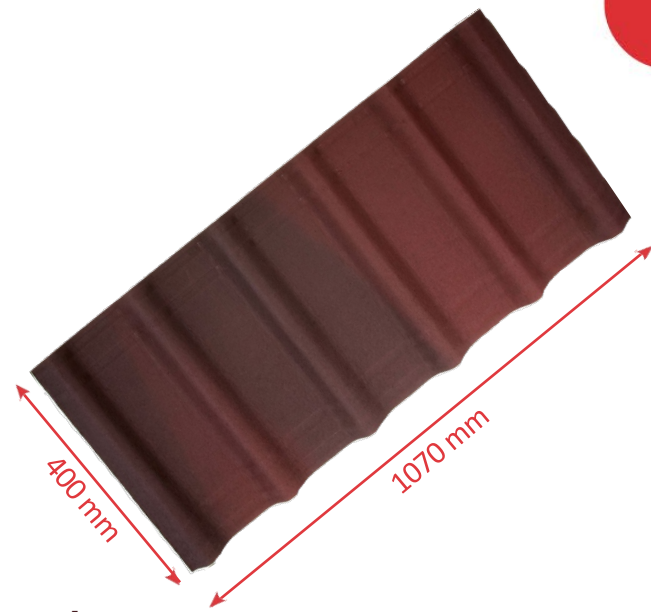
Water impermeability after ageing	Pass ¹
Tearing strength after ageing	≥ 200 N
Thermal coefficient	< 100.10-6 1/K

¹No drop of water underneath sheet after 48 hours

²No area larger than 1cm² without bitumen

Fire resistance

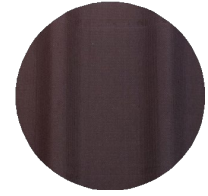
Reaction to fire – EN 13501-1	E
External fire performance – EN 13501-5	Froof



Colors



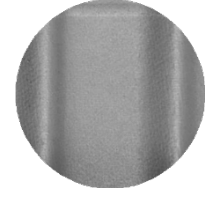
Shaded Green



Shaded Brown



Shaded Red



Shaded Dark Gray

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 but 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 but see terms and conditions. .

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