

# Technical data sheet

TDS-PH082025

## Material/Application

BARDOLINE® PRO S125 OPERA is a coloured bitumen shingle for roof

EN 544:2011

DOP N° 15 SA03

## Benefits

- Waterproofing
- Mechanical resistance
- Aesthetic
- Durability
- Easy to install
- Lightweight

## Technical characteristics

Length	EN 544	998 (± 3) mm
Width	EN 544	337 (± 3) mm
Thickness		3.3/6.6 (±15%) mm
Weight (finished product)		12.3 (± 10%) kg/m <sup>2</sup>
Exposed Area		143 mm
Min./max. pitch		19° - 85°*

\* Valid for I. and II. snow zone. For III. and more, please add 5°

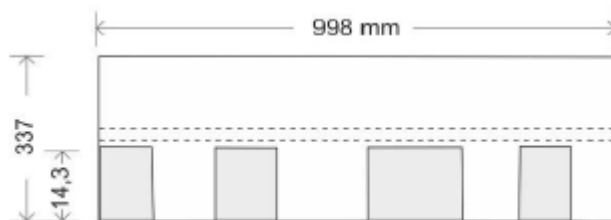
## Product Performance

Mass of bitumen	EN 544	>1500 g/m <sup>2</sup>
Tensile strength MD / CMD	EN 12311-1	>800/>600 N/50 mm
Tear resistance MD / CD (Nail shank method)	EN 12310-1	>150 N
Granules adhesion	EN 12039	< 0.5g
Water absorption	EN 544	<1%
Resistance to UV radiation	EN 1297	Pass
Flow resistance, at 90°	EN 1110	<1 mm
Resistance to blistering	EN 544	Pass

## Fire Performance

External fire resistance	EN 13501-5 EN 1187	Broof (t1)
Reaction to fire	EN 13501-5 EN ISO 11925-2	E

# BARDOLINE® PRO S125 OPERA



## Colors



Wood Shake



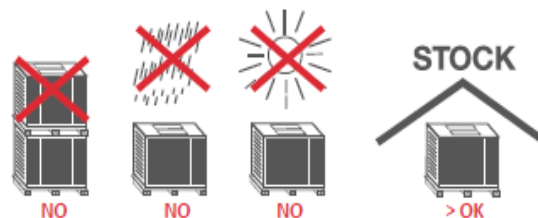
Dark Slate

## Packaging

Coverage / bundle	2.00 m <sup>2</sup>
Shingles / bundle	14
Bundles / pallet	68
Useful m <sup>2</sup> / pallet	136

## Storage

BARDOLINE® PRO S125 OPERA should be kept under dry conditions, protected from UV and heat as well as rain and moisture.



## Warranty

All the claims will be considered with respect to application recommendations issued by Onduline company

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. .

## OFIC Philippines Inc

Common Ground, 9F, Intellectual Property Inc., #28, McKinley Upper Road McKinley Hill Town Center, Brgy. Pinagsama, Taguig City, Philippines 1634

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Lightweight roofing systems