

# Declaration of Performance

N° DoP: 2022-003 SA03



Unique identification code of the product-type:

**BARDOLINE® PRO Rectangular, BARDOLINE® PRO Triangular, BARDOLINE® PRO Beaver**

Intended use/es:

Bitumen shingles with mineral reinforcement (type 4 X 2), for roof and external wall covering

Manufacturer:

**Onduline**  
5-7 rue Frédéric Clavel  
92150 Suresnes - France

System/s of AVCP:

System 3 (Reaction to fire - External fire resistance) | System 4

Harmonised standard

EN 544:2011

Notified body/ies:

**0497** - CSI S.p.a

Declared performances:

Essential characteristics	Unit	Performance	Harmonised standard
Water permeability (mass of bitumen)	g/m <sup>2</sup>	≥1300	EN 544:2011
Height	mm	340 ± 3	
Width	mm	1000 ± 3	
Tensile strength (width)	N/50 mm	≥600	
Tensile strength (height)	N/50 mm	≥400	
Nail shank tear resistance	N/50 mm	≥100	
Flow resistance at elevated temperature	mm	<1	
Adhesion of the protective finishing	g	<0.5	
Water absorption	%	<1	
Durability of Mechanical Resistance	Pass/Failed	Pass	
Resistance to Fixing	N	≥100	
Reaction to fire	Class	E	
External fire performance	Class	Broof (t1)	
Dangerous substances	-	NPD*	

(\*) NPD : No Performance Determined

The performance of the product identified above is in conformity with the set of declared performances in point 7. This declaration of performance is issued, in accordance with Regulation (EU) N° 305/2011, under the sole responsibility of the manufacturer identified above.

Version number : v07

Signed for and on behalf of the manufacturer by

MOREL Grégoire  
Managing Director of Onduline  
Suresnes, 23.07.2025