

DECLARATION OF PERFORMANCE
Under the CPR EU 305/2011
No. 2015 006 SA02

1. Unique identification code of the product-type:

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

2. Intended use/es:

Bitumen shingles type 4X2 intended to be used for roof coverings

3. Manufacturer :

ONDULINE
24 QUAI GALLIENI
92 150 SURESNES – FRANCE
www.onduline.com

4. Authorized representative:

Not Applicable

5. System/s of AVCP “Assessment and Verification of Constancy of Performance”:

System 4, but for uses subject to reaction to fire and external fire performance System 3

6. Harmonised standard: **EN 544:2011**

Notified Body: **1173**

7. Declared performances

Essential characteristics	Unit	Performance	Ref. Norm
Water permeability (Mass of bitumen)	g/m ²	≥ 1300	EN 544
Dimensional Variation			
Width W	mm	W = 1000 ±3	
Height H	mm	H (Rectangular, Beaver) = 336 ± 3 H (Triangular) = 284 ± 3 H (hexagonal) = 318 ± 3	
Mechanical resistance			
Tensile strength (width) / (height)	N/50 mm	≥ 600 / ≥ 400	
Nail shank tear resistance	N	≥ 100	
Reaction to fire	Class	E	
External fire performance	Class	Broof(T1)	
Blistering	-	Pass	
Durability of water permeability			
Flow resistance at elevated temperature	mm	≤ 2	
Adhesion of the protective finishing	g	≤ 2.5	
Water absorption	%	< 2	
Dangerous Substances (See notes 1 & 2)	-	NPD	

NPD = No Performance Determined

Note 1: This product does not contain asbestos or tar constituents.

Note 2: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taken into account national provisions in the place of use.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Nay TAWILE

