

DECLARATION OF PERFORMANCE Under the CPR EU 305/2011 DoP N° I2015 006 Bardoline standart

1. Unique identification code of the product-type: **Bitumen shingles 4X2**
- 2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Bardoline standart – Bardoline Pro rectangular – Standart 2 tons – Standard–Amourglass.**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **For roof and external wall covering.**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Onduline SA
35 rue Baudin
92 300 Levallois Perret – France
Tel : +33 1 55 63 80 10 Fax : +33 1 41 34 30 54
www.onduline.com

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): **Not Applicable**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **system 4**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard: **EN 544 : 2011**
Notified Body (NB1173): Warrington Fire Gent N.V – Ottergemsesteenweg-Zuid 711- B-9000 Ghent – Belgium.

8. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance Tensile strength(width) Tensile strength(height) Nails shank tear resistance	> 600 N/50 mm > 400 N/50 mm > 100 N	EN544:2011
Reaction to fire (NB 1173)	E	
External fire performance (NB 1173)	B roof t1	
Water Impermeability	Bitumen ≥1300g/m ²	
Dimensional variation (Length L and width w)	MDV (L=1000 and w = 336) ±3 mm	
Durability of water permeability: - Flow resistance at elevated temperature - Adhesion of the protective finishing - Water absorption	<2 mm <2.5 g <2 %	
Dangerous substances	see note 1 and 2	

Note 1 ; This product does not contain asbestos or tar constituents

Note 2 : in the absence of European harmonized test method verification and declaration on content/release has to be done taking account national provisions in the place of use.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Christophe ROHART
R&D Director



Levallois-Perret, 24/11/2015

rev.0