

## DECLARATION OF PERFORMANCE Under the CPR EU 305/2011 DoP N° 2015 012 SA02 Bardoline Classic Triangular

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 Classic Triangular SA02.**
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 trademark and contact address of the manufacturer as required under Article 11(5):
- Onduline**  
24, quai Galliéni  
F- 92 150 Suresnes – France  
Tel : +33 1 55 63 80 10 Fax : +33 1 41 34 30 54  
[www.onduline.com](http://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 for which and European technical assessment has been issued: **ETA - 07/0325**  
Notified Body (NB 1173): **Warrington Fire Gent N.V (1173)– Ottergemsesteenweg-Zuid 711- B-9000 Ghent – Belgium.**  
Technical Assessment Body : **BUTgb – Lozenberg 7, B-1922 Sint-Stevens-Woluwe- Belgium.**
8. Declared performance

| Essential characteristics                    | Performance  | Harmonised technical specification |
|--|--|------------------------------------|
| Mechanical resistance                        |  | ETA - 07/0325                      |
| Tensile strength(width)                      | > 600 N/50 mm                                      |                                    |
| Tensile strength(height)                     | > 400 N/50 mm                                      |                                    |
| Nails shank tear resistance                  | > 100 N  |                                    |
| Reaction to fire (NB 1173)                   | E  |                                    |
| External fire performance (NB 1173)          | B roof t1  |                                    |
| Water Impermeability                         | Bitumen 896 g/m <sup>2</sup> ± 150g/m <sup>2</sup> |                                    |
| Dimensional variation (Length L and width w) | MDV ( L=1000 and w = 284) ±3 mm                    |                                    |
| Durability of water permeability:            |  |                                    |
| - Flow resistance at elevated temperature    | ≤ 2 mm   |                                    |
| - Adhesion of the protective finishing       | ≤ 2.5 g  |                                    |
| - Water absorption                           | < 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



Suresnes, 30/03/2020

rev.0