

DECLARATION OF PERFORMANCE

Under the CPR EU 305/2011

DoP N° 2015 006 SA02 Bardoline Pro Rectangular – Beaver – Hexagonal – Triangular

1. Unique identification code of the product-type: **Bitumen shingles 4X2 : Bardoline Pro rectangular SA02 – Bardoline Pro Beaver SA02 – Bardoline Pro Hexagonal SA02 – Bardoline Pro Triangular SA02.**
 2. 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.**
 3. Name, registered trade name or registered trade mark 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
 4. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): **Not Applicable**
 5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **system 4**
 - 6.a. In case of the declaration of performance concerning a construction product covered by a harmonised standard : **EN 544 : 2011**
 - 6.b. European Assessment document : **Not applicable**
 European Technical Assessment : **Not applicable**
- Notified Body (NB1173): **Warrington Fire Gent N.V – Ottergemsesteenweg-Zuid 711- B-9000 Ghent – Belgium.**

7. Declared performance

| Essential characteristics | Performance | Harmonized 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 mm) ±3 mm MDV (w Rectangular = w Beaver = 336 mm) ±3 mm MDV (w Triangular = 284 mm) ±3 mm MDV (w Hexagonal = 318 mm) ±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 | NPD 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.

8. Appropriate Technical Documentation and/or Specific Technical documentation: **No**

The performance of the product identified above is in conformity with the set of declared performances. 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:

Christophe ROHART
Industrial and R&D Director



Suresnes, 24/04/2019

rev.2