

DECLARATION OF PERFORMANCE
Under the CPR EU 305/2011
No. 2022-001 SA03

1. Unique identification code of the product-type:

BARDOLINE® PRO OPERA

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Bitumen Shingles

3. Name, registered trade name or registered trademark and contact address of the manufacturer as required under Article 11(5):

ONDULINE
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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 3

6a. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 544:2011

Notified Body (NB): **0497, CSI S.p.a. – Bollate (MI) – Italia**

7. Declared performances

| Essential characteristics | Units | Performance | Harmonized technical specification |
|--|------------------|-----------------|------------------------------------|
| Water permeability (Mass of bitumen) | g/m ² | > 1500 | EN544:2011 |
| Dimensional Variation | | | |
| Height | mm | 337 ±3 | |
| Width | mm | 998 ±3 | |
| Durability of water permeability | | | |
| Flow resistance at el. temperature /90°C | mm | < 1 | |
| Adhesion of the protective finishing | g | < 1.5 | |
| Water absorption | % | < 1 | |
| Durability of mechanical resistance | | | |
| Resistance to UV Radiation (60 cycles) | - | Pass | |
| Mechanical resistance | | | |
| Tensile strength (Width) / (Height) | N/50 mm | >750 / >450 | |
| Nails shank tear resistance | N | > 100 | |
| Reaction to fire | Class | Class E | |
| External fire performance | Class | Broof T1 | |

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Christophe Rohart
R&D Director

Suresnes, 22/07/2022 Rev2

