

**DECLARATION OF PERFORMANCE**  
**Under the CPR EU 305/2011**  
**No. 2022-001 SA44**

1. Unique identification code of the product-type:

**BARDOLINE® CLASSIC EASY Beaver , Hexagonal, Rectangular**

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 trade mark and contact address of the manufacturer as required under Article 11(5):

**Onduline SA**  
**24 Quai Gallieni**  
**92 150 Suresnes – France**  
[www.onduline.com](http://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 3 & 4**

6. European Assessment Document: **(EAD) No 220020-00-0402**

European Technical Assessment: **ETA 22/0299**

Technical Assessment Body (TAB): **INSTYTUT TECHNIKI BUDOWLANEJ (ITB) - Notified Body: 1488**

7. Declared performances

Essential characteristics	Units	Performance	Harmonized technical specification
<b>Water permeability ( Mass of bitumen)</b>	g/m <sup>2</sup>	<b>944 ± 150</b>	<b>ETA-17/0107</b>
<b>Dimensional Variation</b>			
Height	mm	Beaver/Rectangular ( <b>340 ± 3</b> ) Hexagonal ( <b>310 ± 3</b> )	
Width	mm	<b>1000 ± 3</b>	
Straightness	mm	- <b>2,0 ≤ e ≤ 2,0</b>	
Rectangularity	mm	<b>d ≤ 2</b>	
Gap Height	mm	Beaver/Rectangular ( <b>≥ 158</b> ) Hexagonal ( <b>≥ 134</b> )	
<b>Water absorption</b>	%	<b>≤ 2</b>	
<b>Blistering</b>	-	<b>Pass</b>	
<b>Flow resistance at el. temperature /90°C</b>	mm	<b>≤ 2</b>	
<b>Adhesion of the protective finishing</b>	g	<b>&lt; 2.5</b>	
<b>Mechanical resistance</b>			
Tensile strength (width) / (height)	N/50mm	<b>≥ 550 / ≥ 400</b>	
Nails shank tear resistance	N	<b>≥ 100</b>	
<b>Resistance to UV radiation</b>			
Tensile strength (width) / (height)	N/50mm	<b>≥ 400</b>	
Nails shank tear resistance	N	<b>≥ 100</b>	
<b>Resistance after artificial aging</b>			
Tensile strength (width) / (height)	N/50mm	<b>≥ 400</b>	
Nails shank tear resistance	N	<b>≥ 100</b>	
Flow resistance at el. temperature /90°C	mm	<b>≤ 2</b>	
Adhesion of the protective finishing	g	<b>≤ 2.5</b>	
<b>Reaction to fire</b>	-	<b>Class E</b>	
<b>External fire performance</b>	-	<b>Broof T1</b>	
<b>Dangerous substances</b>	-	The product does not contain / does not release dangerous substances specified in EOTA TR 034	

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, 19/05/2022 rev.2



**ONDULINE**  
**24 QUAI GALLIENI – 92 150 SURESNES**  
**FRANCE**  
**www.onduline.com**  
**22**  
**2022-001 SA44**

**ETA 22/0299**  
**BARDOLINE® CLASSIC EASY Beaver, Hexagonal, Rectangular**  
**Bitumen Shingles**

<b>Water permeability ( Mass of bitumen)</b>	g/m <sup>2</sup>	<b>944 ± 150</b>
<b>Dimensional Variation</b>		
Height (Beaver, Rectangular)	mm	<b>340 ±3</b>
(Hexagonal)		<b>310 ± 3</b>
Width	mm	<b>1000 ±3</b>
Straightness	mm	<b>- 2,0 ≤ e ≤ 2,0</b>
Rectangularity	mm	<b>d ≤ 2</b>
Gap Height (Beaver, Rectangular)	mm	<b>≥ 158</b>
(Hexagonal)		<b>≥ 134</b>
<b>Durability of water permeability</b>		
Flow resistance at el. temperature 90°C	mm	<b>≤ 2</b>
Adhesion of the protective finishing	g	<b>≤ 2.5</b>
Water absorption	%	<b>≤ 2</b>
<b>Mechanical resistance</b>		
Tensile strength (Width) / (Height)	N/50 mm	<b>≥ 550 / ≥ 400</b>
Nails shank tear resistance	N	<b>≥ 100</b>
<b>Resistance to UV radiation</b>		
Tensile strength (Width) / (Height)	N/50 mm	<b>≥ 400</b>
Nails shank tear resistance	N	<b>≥ 100</b>
<b>Resistance after artificial aging</b>		
Tensile strength (Width) / (Height)	N/50 mm	<b>≥ 400</b>
Nails shank tear resistance	N	<b>≥ 100</b>
<b>Reaction to fire</b>		
	Class	<b>Class E</b>
<b>External fire performance</b>		
	Class	<b>B<sub>Roof</sub> T1</b>