

## DECLARATION OF PERFORMANCE

N°: 01703-CPR-SH2-001

- 1 Unique identification code of the product-type: **Monarch Beaver**  
Trade name of the product: **Monarch Biber**
- 2 Intended use/es: **Bitumen shingles type 4P2 intended to be used for roof and external wall covering.**
- 3 Manufacturer:  
**IKO Sales International NV - Truibroek 74 - 3945 Ham - Belgium**  
**Tel. +32.11.340.120 - Fax. +32.11.340.130 - residential.europe@iko.com - www.ikodop.eu**
- 4 Authorised representative:  
-  
-
- 5 System/s of AVCP:  
**System 4, but for uses subject to reaction to fire and external fire performance System 3.**
- 6 Harmonised standard: **EN 544:2011**  
  
Notified Body: **1173**
- 7 Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Tensile strength(width)	≥ 600 N/50mm	<b>EN 544:2011</b>
Tensile strength(height)	≥ 400 N/50mm	
Nails shank tear resistance	≥ 100N	
Reaction to fire	E	
External fire performance	B <sub>roof</sub> T1	
Water permeability (Mass of bitumen)	≥ 1300 g/m <sup>2</sup>	
Blistering	No	
Width	1000 ± 3mm	
Height	336 ± 3mm	
Flow resistance at elevated temperature	≤ 2mm	
Adhesion of the protective finishing	≤ 2,5g	
Water absorption	< 2%	
Dangerous Substances (See notes 1 & 2)	NPD	

NPD = No Performance Determined

Note 1: This product does not contain asbestos or tar constituents.

Note 2: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taken into account national provisions in the place of use.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Ham, 14/06/2022  
(place and date of issue)

Signed for and on behalf of the  
manufacturer by:  
Dragos-Horea Popa  
Technical Product Manager  
(name and function)



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NB 1173

Monarch Beaver  
 20  
 01703-CPR-SH2-001



No



$\geq 600 \text{ N/50mm}$



E



$1000 \pm 3\text{mm}$



$\geq 400 \text{ N/50mm}$



B<sub>roofT1</sub>



$\leq 2\text{mm}$



$\geq 100\text{N}$



$\geq 1300 \text{ g/m}^2$



$\leq 2,5\text{g}$



NPD



$336 \pm 3\text{mm}$



$< 2\%$

EN 544:2011

Bitumen shingles type 4P2 intended to be used for roof and external wall covering.

	Blistering		Tensile strength(width)
	Tensile strength(height)		Nails shank tear resistance
	Dangerous Substances NPD = No Performance Determined		Reaction to fire
	External fire performance		Water permeability (Mass of bitumen)
	Height		Width
	Flow resistance at elevated temperature		Adhesion of the protective finishing
	Water absorption	Note 1: This product does not contain asbestos or tar constituents. Note 2: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taken into account national provisions in the place of use.	