

DECLARATION OF PERFORMANCE

N°: 00602-CPR-SH3-001

- 1 Unique identification code of the product-type: **Roofplus Hex**
Trade name of the product: **Armourshield PLUS**
- 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:
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- 5 System/s of AVCP:
System 4, but for uses subject to reaction to fire and external fire performance System 3.
- 6 European Assessment Document: **220020-00-0402**
European Technical Assessment: **ETA-17/0512 - 22/01/2021**
Technical Assessment Body: **BUTgb vzw**
Notified Body: **1173**
- 7 Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Tensile strength(width) Tensile strength(height) Nails shank tear resistance	> 600 N/50mm > 400 N/50mm > 100N	ETA-17/0512
Reaction to fire	E	
External fire performance	B _{roof} T1	
Water permeability (Mass of bitumen)	1149 ± 150 g/m ²	
Blistering	No	
Width Height	1000 ± 3mm 318 ± 3mm	
Flow resistance at elevated temperature Adhesion of the protective finishing Water absorption	≤ 2mm ≤ 2,5g < 2%	
Resistance to heat ageing – Tensile strength(width) – Tensile strength(height) – Nails shank tear resistance – Flow resistance at elevated temperature – Adhesion of the protective finishing	> 600 N/50mm > 400 N/50mm > 100N < 2mm < 2,5g	
Resistance to UV radiation – Tensile strength(width) – Tensile strength(height) – Nails shank tear resistance	> 600 N/50mm > 400 N/50mm > 100N	
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

Roofplus Hex
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No



> 600 N/50mm



E



1000 ± 3mm



> 400 N/50mm



B_{roof}T1



≤ 2mm



> 100N



1149 ± 150 g/m²



≤ 2,5g



NPD



318 ± 3mm



< 2%

ETA-17/0512

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.	