

Declaration of Performance

Document Reference N° : 00302-CPR-SH1-001

- 1 Unique identification code of the product type : **Monarch**
- 2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
Bitumen shingles 4 X 2
- 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: For roof and external wall covering
- 4 Name, registered trade name or registered trade mark and contact address of the manufacturer:
IKO Sales International NV - Truibroek 74 - B-3945 Ham, Belgium
Tel. +32.11.340.120 - residential.europe@iko.com
- 5 Name and contact address of authorized representative :
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- 6 System(s) of assessment and verification of constancy of performance of the product :
System 4
- 7 In case of the declaration of performance concerning a construction product covered by a harmonised standard:
EN 544:2011
Notified Body: **WarringtonFireGent N.V. (1173) - Ottergemsesteenweg-Zuid 711 - B-9000 Ghent - Belgium**
- 8 Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Tensile strength(width)	≥ 600 N/50mm	EN 544:2011
Tensile strength(height)	≥ 400 N/50mm	
Nails shank tear resistance	≥ 100N	
Reaction to fire	E	
External fire performance	BroofT1	
Blistering	no	
Water permeability	≥ 1300 g/m ²	
Width	336 ± 3mm	
Length	1000 ± 3mm	
Flow resistance at el.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.

- 9 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer

Ham, 1th of April 2018
(place and date of issue)



Kurt Kesters – Technical Product Manager
(name and function)