

# Declaration of Performance

Document Reference N° : 00102-CPR-SH1-001

- 1 Unique identification code of the product type : **Armourglass**
- 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 - Fax. +32.11.340.129 - support@iko.be**
- 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	Notified body	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	1173	
External fire performance	BroofT1	1173	
Water permeability	≥ 1300 g/m <sup>2</sup>		
Length	1000 ± 3mm		
Width	336 ± 3mm		
Flow resistance at el.temperature	≤ 2mm		
Adhesion of the protective finishing	≤ 2,5g		
Water absorption	< 2%		
Dangerous Substances (See notes 1 & 2)			

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

(place and date of issue): Ham, 5th of June 2013



(name and function): Kurt Kesters – Technical Product Manager