



**DECLARATION OF PERFORMANCE**  
In accordance with Regulation (EU) N° 305/2011

No

**DoP 0449**

Version 4

1	<b>Unique identification Code of the product type</b>	<b>EshaGum 446 WS</b>
2	<b>Identification of the construction product, in accordance with article 11(4)</b>	Lot-Number. see packaging of product valid from 15-08-2016
3	<b>Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer</b>	Bitumen membrane for waterproofing
4	<b>Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)</b>	EshaGum 446 WS ICOPAL BV Hoendiep 316 9744 TC Groningen Netherlands
5	<b>Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)</b>	not applicable
6	<b>System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V</b>	System 2+
7	<b>In case of the declaration of performance concerning a construction product covered by a harmonised standard</b>  The notified factory production control certification body Bodycompany No. 0620 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control. ( 0620-CPR-74170)  ( )  ( )	
8	<b>In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued</b>	not applicable

**9 Declared performance**

Essential characteristics	Performance	Harmonised technical specification
External fire performance	F roof *	
Reaction to fire	NPD	
Watertightness	Pass (10 kPa)	
Tensile strength longitudinal	650 ± 20% N/50 mm	
Tensile strength transverse	650 ± 20% N/50 mm	
Elongation longitudinal	50 ± 15 % abs.	
Elongation transverse	50 ± 15 % abs.	
Root resistance	Pass	
Resistance to static load method A	≥ 15	
Resistance to static load method B	≥ 15	
Resistance to static load method C	NPD	
Resistance to impact method A	≥ 1000	
Resistance to impact method B	≥ 1000	
Resistance to tearing	150 -0/+250 N	
Peel resistance of joints	NPD	
Shear resistance of joints	500 -0/+280 N/50 mm	
Durability UV heat and water	Pass	
Durability: heat flow after heat oven exposure	120 -0/+30 °C	
Durability: flexibility at low temperatur after heat oven exposure	-5 +0/-15 °C	
Flexibility at low temperatures	≤ -15 °C	
Dangerous substances	Note 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 deklaration on release/content has to be done taken into account national provisions in the place of use.

\*: since the external fire performance of a roof is dominated by the built up system, no performance can be assessed for the product alone

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: not applicable

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The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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 by:

Groningen

15-8-2016  
dd/mm/yyyy



Signed