

# Declaration of performance

## EshaGum 446 WS

### UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE

0449.5

EshaGum 446 WS

### INTENDED USE OR USES

Bitumen membrane for waterproofing

### MANUFACTURER

ICOPAL BV  
Hoendiep 316, 9744 TC Groningen  
Netherlands

### SYSTEM OR SYSTEMS AVCP

System 2+

### HARMONISED TECHNICAL SPECIFICATION

EN 13707:2013

### NOTIFIED BODY/IES

0620

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.

### Signed for and on behalf of the manufacturer by:

Groningen

29-01-2021



### DECLARED PERFORMANCE

ESSENTIAL CHARACTERISTICS	PERFORMANCE
External fire performance	F roof *
Reaction to fire	NPD
Watertightness	Pass (10 kPa)
Tensile strength longitudinal	700 ± 20% N/50 mm
Tensile strength transverse	700 ± 20% N/50 mm
Elongation longitudinal	45 ± 15 % abs.
Elongation transverse	45 ± 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	175 -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	130 -0/+30 °C
Durability: flexibility at low temperature 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 declaration 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

**BMI** icopal

Hoendiep 316  
9744 TC Groningen  
Phone: +31 50 551 6333

[icopal.nl](http://icopal.nl)