

Declaration of performance

EshaGum 446

UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE

0446.5

EshaGum 446

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

01-02-2021

DECLARED PERFORMANCE

ESSENTIAL CHARACTERISTICS	PERFORMANCE
External fire performance	F roof *
Reaction to fire	Class F
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	NPD
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