

No P042-5

1 Unique identification code of the product-type: **Graviflex 4,2 SBS / Green Roof**

2 Intended use/s:
 a. roof waterproofing
 b. roof waterproofing subject to reaction to fire

3 Manufacturer:
 BMI Icopal Sp. z o.o., ul. Łaska 169/197,
 98-220 Zduńska Wola, Polska (PL)

4 System/s of AVCP: System 2+, System 3

5 Harmonised standard: EN 13707:2004+A2:2009

Notified body/ies:
 The notified factory production control certification body No. 1434:
 POLSKIE CENTRUM BADAŃ I CERTYFIKACJI S.A.
 (system 2+, scope of application a.)
 The notified testing laboratory No. 1434:
 POLSKIE CENTRUM BADAŃ I CERTYFIKACJI S.A.
 (system 3, scope of application b.)

6 Declared performance/s:

Essential characteristics	Performances
External fire performance	NPD*
Reaction to fire	Class E
Watertightness	Watertight
Tensile strength longitudinal	950 ± 200 N/50 mm
Tensile strength transverse	700 ± 200 N/50 mm
Elongation longitudinal	50 ± 15 %
Elongation transverse	50 ± 15 %
Root resistance	Pass
Resistance to static load, method B	20 kg
Resistance to impact, method A	1250 mm
Resistance to impact, method B	1500 mm
Resistance to tearing longitudinal	NPD
Resistance to tearing transverse	NPD
Peel resistance of joints	NPD
Shear resistance of joints, side lap	700 ± 200 N/50 mm
Shear resistance of joints, end lap	900 ± 200 N/50 mm
Durability: flexibility at low temperature after heat oven exposure	NPD
Flexibility at low temperatures (pliability)	-20 °C
Dangerous substances	not contain

NPD - No performance determined

* Phrase NPD results from the impossibility of determining the performance of this product.

The performance is determined as B_{ROOF} (t1) for specific roofing systems including this product (available on the ICOPAL website).

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:

At Zduńska Wola on 20th February 2020

CZŁONEK ZARZĄDU
 DYREKTOR
 DS. TECHNICZNO-PRODUKCYJNYCH

 Grzegorz Hese