

No **P004-5**

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| <b>1 Unique identification code of the product-type:</b> | <b>FireSmart-Solo</b>  |
| <b>2 Intended use/es:</b>                                | a. roof waterproofing<br>b. roof waterproofing subject to reaction to fire   |
| <b>3 Manufacturer:</b>                                   | BMI Icopal Sp. z o.o., ul. Łaska 169/197,<br>98–220 Zduńska Wola, Polska (PL)  |
| <b>4 System/s of AVCP:</b>                               | System 2+, System 3  |
| <b>5 Harmonised standard:</b>                            | EN 13707:2004+A2:2009  |
| <b>Notified body/ies:</b>                                | The notified factory production control certification body No. 1434:<br>POLSKIE CENTRUM BADAŃ I CERTYFIKACJI S.A.<br>(system 2+, scope of application a.)<br><br>The notified testing laboratory No. 1486:<br>CENTRALNY OŚRODEK BADAWCZO – ROZWOJOWY<br>PRZEMYSŁU IZOLACJI BUDOWLANEJ<br>(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	900 ± 100 N/50 mm
Tensile strength transverse	800 ± 100 N/50 mm
Elongation longitudinal	50 ± 10 %
Elongation transverse	50 ± 10 %
Root resistance	NPD
Resistance to static load, method A	20 kg
Resistance to impact, method A	2000 mm
Resistance to impact, method B	2000 mm
Resistance to tearing longitudinal	400 ± 100 N
Resistance to tearing transverse	450 ± 100 N
Peel resistance of joints, side lap	300 ± 100 N/50 mm
Peel resistance of joints, end lap	400 ± 100 N/50 mm
Shear resistance of joints, side lap	900 ± 200 N/50 mm
Shear resistance of joints, end lap	900 ± 200 N/50 mm
Durability: flexibility at low temperature after heat oven exposure	-15 ± 5 °C
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<sub>ROOF</sub> (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:

CZŁONEK ZARZĄDU  
DYREKTOR  
DS. TECHNICZNO PROJEKCYJNYCH

At Zduńska Wola on 20th February 2020

Grzegorz Hese