

NATIONAL DECLARATION OF PERFORMANCE No 001/2017



Date of preparation: 11.12.2017

Updated on: 11.12.2017

1. Name and trade name of the construction product:

VestaEco CELL

2. Designation of the construction product:

Isolation of loose cellulose fibers

3. Intended use:

Thermal and acoustic insulation of buildings

4. Name and address of the manufacturer and the place of production:

Zakład Przerobu Biomasy Roślinnej S.A. Aleje Jerozolimskie 180, 02-486 Warszawa

address of the production site: **Wielki Łęck 81 A, 13-230 Lidzbark**

5. Name and address of the registered office of the proxy, if established: **not applicable**

6. National system used for assessment and verification of performance: **evaluation system 3**

7. National technical specification:

7a. Polish Standard of the product: **PN-EN 15101:2013**

Name of accredited certification body, accreditation number and certificate number:

IMBiGS Oddział Zamiejskowy w Katowicach, Laboratorium Materiałów Budowlanych „IZOLACJA”, Notified Body of the European Union No. 1454, Report no. 109/16/194/M-1

IMBiGS Oddział Zamiejskowy w Katowicach, Laboratorium Materiałów Budowlanych „IZOLACJA”, Notified Body of the European Union No. 1454, Report no. 179/15/M-1/Oz

TZUS Praha Testing Laboratory No. 1018.3, Test Report No. 010-036307, Examination of settlement according to the norm 15101-1:2014 Thermal insulation products for buildings – In-situ formed loose fill cellulose (LFCI) products – Part 1

Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej im. Józefa Tuliszkowskiego – Państwowy Instytut Badawczy, Classification report on reaction to fire no 021/BW/16

TZUS Praha TZÚ Brno Notified Body No. 1021 test report 17/1187 according to the norm EN151-1 annex F

7b. National technical assessment: **not applicable**

8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance
Built-in volume density: - open blow for flat roofs, ventilated attics - in areas of pitched roofs - in cavities of walls	30-40 (kg/m ³) 45-55 (kg/m ³) 50-60 (kg/m ³)
Declared value of thermal conductivity coefficient λ	0,039 W/m·K
Thermal resistance R at 10 cm (indicative)	2,56 m ² ·K/W
Thermal resistance R at 20 cm (indicative)	5,13 m ² ·K/W
Settlement method B.2	0%
Reaction to fire according to PN-EN 13501 + A1:2010	B-s1,d0
Resistance to mould fungi	BA 0 no growth apparent under the microscope
Durability according to 4.2.4 EN15101	The long term fire resistance and thermal conductivity of LFCI does not change with time.

9. The performance properties of the above-mentioned product are in accordance with all listed in p.8 of the declared performance. This NDOP is issued in accordance with the Act of 16 April 2004 on Construction Products, under the sole responsibility of the manufacturer. On behalf of the manufacturer signed:

WARSZAWA 11/12/2017r.

Place and date of issue



Robert Kocowicz
Prekursor

Name of authorized person
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