



Łukasiewicz
Instytut
Przemysłu
Organicznego

BC.502.5.27.2020.MW.2

Warsaw, 6th October 2020

Quality Control
System



ISO 9001:2015
AQAP 2110:2016



PL-J-753/10/2020

Manufacturing
of analytical
standards of organic
compounds
in neat form and
in solutions.

Good Laboratory
Practice (GLP)

PCA Accreditation
of testing
laboratory
ISO/IEC
17025:2018

Accreditation



MSWiA Concession
No B-036/2003

PROBET-DASAG Sp. z o.o.

68-100 Żagań
Fabryczna Street 4-6

Re: **Evaluation of the properties terrazzo tiles for internal use, pattern 7598, LINE FORZA, with regard to protection against static electricity in explosion hazard areas (zones)**

On the basis of control tests commissioned by PROBET-DASAG Sp. z o.o. following its letter of 22 September 2020 (Łukasiewicz - IPO protocol no 24/BCE/2020) it is confirmed that:

Terrazzo tiles for internal use, pattern 7598, LINE FORZA

thickness up to 3,5 cm

producer: PROBET-DASAG Sp. z o.o.

meet the requirements of protection against static electricity according to:

- **PN-E-05204:1992 in 3.1.2.1 c), 3.1.2.2, with regard to explosion hazard areas (zones) 0, 1, 2, 20, 21 i 22 classified according to the regulation of the Minister of Economy of 8 July 2010 on minimum requirements as regards occupational safety and health of persons working in explosion hazard environments (Official Journal no 138. Item 931) and according to PN-EN 60079-10-1:2016, PN-EN 60079-10-2:2015**

The above assessment is based on the highest allowable leakage resistance (R_u):

$$R_u (R_{gp}) \leq 1 \cdot 10^6 \Omega.$$

- **IEC/TS 60079-32-1:2013 in 11.2, in explosion hazard areas (zones)**

The above assessment is based on the highest allowable leakage resistance (R_u):

$$R_u < 100 M\Omega$$

- **PN-EN 61340-5-1:2015 in 5.3.4, with regard to rooms in which activities such as: manufacture, assembly and operation of electronic devices and devices sensitive to damage caused by electrostatic discharge.**

The above assessment is based on the highest allowable leakage resistance (R_u):

$$R_u (R_{gp}) \leq 1 \cdot 10^9 \Omega.$$

Decision issued on 06 October 2020

Valid until 31 October 2025

KIEROWNIK ZESPOŁU
Badań Elektryczności Statycznej

*mgr inż. Małgorzata
Wróblewska - Piórkowska*

Page 1 of 1

Łukasiewicz Research Network – Institute of Industrial Organic Chemistry
6 Annapol St., 03-236 Warsaw, Poland, Phone: +48 22 88 41 200, Fax: +48 22 811 07 99,
E-mail: ipo@ipo.lukasiewicz.gov.pl, ipo.lukasiewicz.gov.pl | VAT No.: PL5250008577,
REGON: 000042613, District Court for the capital city of Warsaw, XIII Commercial Division
of the National Court Register under KRS No. 0000848733,
Bank name: PEKAO SA Warsaw 84 1240 6074 1111 0000 4989 1458, SWIFT Code: PKOPPLPW

Zastępca Dyrektora
ds. Badawczych

dr inż. Maciej Piwakowski

