

## **FLUFFO IZO – SOUND INSULATION PANEL**

PRODUCT DATA SHEET

Valid from 28 May, 2018

## / BASIC DATA

|                             |   |
|-----------------------------|---|
| <b>product name:</b>        | Fluffo IZO – sound insulation wall panels.  |
| <b>product description:</b> | multilayer, decorative wall panel, intended for room insulation from external sound sources. Produced from 3 layers: high density rubber, a layer of open cell, elastic, foamed rubber and a soft, sound absorbent Fluffo panel. Available in several shapes and a wide range of colours. |
| <b>producer:</b>            | Paweł Sumiński Fabryka Miękkich Ścian;<br>ul. Głęboczycka 37/3; 02-424 Warszawa;<br>VAT Id: PL 7262271643   |

## / PRODUCT CHARACTERISTICS

|   |  |
|---|--|
| <b>product thickness:</b>   | 62mm   |
| <b>weight:</b>  | about 9,5 kg/m <sup>2</sup>  |
| <b>acoustic insulation:</b>   | at least $R_w=29$ dB according to ISO 717-1 standard, tests conducted by the producer of the high-density rubber combined with the open cell foamed rubber layers* |
| <b>fire rating class:</b>   | combustible; class F   |
| <b>dimensional tolerance:</b>                                       | +/- 1mm  |
| <b>declaration of conformity with PN-EN 15102+A1:2011 standard:</b> | yes  |

## / PRODUCT COMPONENTS

|                                       |                              |   |
|---------------------------------------|------------------------------|---|
| <b>rubber layer</b>                   | <b>product type:</b>         | acoustic insulation from high density not foamed rubber   |
|                                       | <b>layer thickness:</b>      | 2mm   |
|                                       | <b>density:</b>              | 2000 kg/ m <sup>3</sup>   |
|                                       | <b>weight:</b>               | 4 kg/m <sup>2</sup>   |
|                                       | <b>fire rating class:</b>    | low flammability B – S3, d0 according to EN 13501-1 standard  |
|                                       | <b>environmental impact:</b> | neutral, hygiene certificate no 190/322/205/2016 allowing the use of this material in: residential construction, healthcare and food processing facilities. |
|                                       | <b>colour:</b>               | black   |
| <b>open cell, foamed rubber layer</b> | <b>product type:</b>         | open cell, flexible foamed rubber   |
|                                       | <b>layer thickness:</b>      | 30 mm   |
|                                       | <b>density:</b>              | 160 kg/m <sup>3</sup>   |
|                                       | <b>weight:</b>               | 4,8 kg/m <sup>2</sup>   |
|                                       | <b>environmental impact:</b> | neutral, hygiene certificate no 190/322/205/2016 allowing the use of this material in: residential construction, healthcare and food processing facilities. |
|                                       | <b>colour:</b>               | black   |
| <b>soft Fluffo panel</b>              | <b>structure:</b>            | uneven, with visible holes/ spaces within the material mass.  |
|                                       | <b>product type:</b>         | soft Fluffo panel, manufactured from flexible, polyurethane foam covered with flock.  |
|                                       | <b>layer thickness:</b>      | 30mm  |
|                                       | <b>colour durability:</b>    | minimum 6-7 years (according to DIN 54004 standard)   |
|                                       | <b>dust resistance:</b>      | antistatic  |
|                                       | <b>acoustics:</b>            | sound absorption class B; $\alpha_w = 0,80$ (H) according to PN-EN ISO 11654:1997 standard  |
|                                       | <b>environmental impact:</b> | hygiene certificate no HK/B/0216/01/2014  |
|                                       | <b>fire rating class:</b>    | combustible; class F  |

\*test results provided on request



EN 15102:2007+A1:2011