

**1. Unique identification code of the product-type:**

5902610530814

**2. Intended use or uses:**

The ceramic tiles for internal and /or external floorings and walls, including stairs, in buildings and industrial facilities.

**3. Manufacturer:**

Ceramika Paradyż Sp. z o.o., ul. Piotrkowska 61, 26-300 Opoczno, Polska

**4. Authorized representative:**

NA - not applicable

**5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

Assessment system: 4

**6a. Harmonised standard:**

BS EN 14411:2012

**Notified unit/s:**

NA - not applicable

**6b. European Assessment Document:**

NA - not applicable

**European Technical Assessment:**

NA - not applicable

**Technical Assessment Body:**

NA - not applicable

**Notified unit/s:**

NA - not applicable

**7. Declared performances:**

| Essential characteristics                                                  | Levels and/or classes           | Reference document |
|----------------------------------------------------------------------------|---------------------------------|--------------------|
| Reaction to fire                                                           | A1/A1 <sub>FL</sub>             | BS EN 14411:2012   |
| Release of dangerous substances - glazed tiles:                            | -                               | -                  |
| - Lead [mg/dm <sup>2</sup> ]                                               | ≤ 0.8                           | BS EN 14411:2012   |
| - Cadmium [mg/dm <sup>2</sup> ]                                            | ≤ 0.07                          | BS EN 14411:2012   |
| - Other                                                                    | NPD - no performance determined | BS EN 14411:2012   |
| Bond strength / adhesion [N/mm <sup>2</sup> ]:                             | -                               | -                  |
| - cementitious adhesives                                                   | ≥ 0.5                           | BS EN 14411:2012   |
| - dispersion adhesives                                                     | ≥ 1                             | BS EN 14411:2012   |
| - reaction resin adhesives                                                 | ≥ 2                             | BS EN 14411:2012   |
| - mortar                                                                   | NPD - no performance determined | BS EN 14411:2012   |
| Thermal shock resistance                                                   | Pass                            | BS EN 14411:2012   |
| Breaking strength [N]                                                      | minimum 700                     | BS EN 14411:2012   |
| Slipperiness according to CEN/TS 16165:2021, Annex B - $\alpha_{shod}$ [°] | $10 \leq \alpha_{shod} < 19$    | BS EN 14411:2012   |
| Tactility                                                                  | NPD - no performance determined | BS EN 14411:2012   |
| Durability for:                                                            | -                               | -                  |
| - internal uses                                                            | Pass                            | BS EN 14411:2012   |
| - external uses: freeze-thaw resistance                                    | Pass                            | BS EN 14411:2012   |

**8. Appropriate Technical Documentation and/or Specific Technical Documentation:**

NA - not applicable

The performance of the product identified above is in conformity with the set of declared performance/s. The declaration of performance is issued under the sole responsibility of the manufacturer

Signed for and on behalf of the manufacturer by:

**Karol Goździk - Production Manager**

**Tomaszów Mazowiecki on 2025/03/08**



Applies to the product: GAMMO COLOURS GRAFITOWY GRES SZKL. MAT. 19,8X19,8 G1  
Group: BI<sub>a</sub>

### 1. Detailed information about the application:

The ceramic tiles for internal and /or external floorings and walls, including stairs, in buildings and industrial facilities.

| Characteristics                                                                                                      | Levels and/or classes           | Reference document  |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------|
| Thickness                                                                                                            | 7,2 mm                          | BS EN 14411:2012    |
| The permissible deviation of the average width for each tile from the work size width                                | ± 0.6 %; ± 2.0 mm               | BS EN 14411:2012    |
| The permissible deviation of the average length for each tile from the work size length                              | ± 0.6 %; ± 2.0 mm               | BS EN 14411:2012    |
| The permissible deviation of the average thickness of each tile from the work size thickness                         | ± 5 %; ± 0.5 mm                 | BS EN 14411:2012    |
| The maximum permissible deviation from straightness, related to the corresponding work size (width)                  | ± 0.5 %; ± 1.5 mm               | BS EN 14411:2012    |
| The maximum permissible deviation from straightness, related to the corresponding work size (length)                 | ± 0.5 %; ± 1.5 mm               | BS EN 14411:2012    |
| The maximum permissible deviation from rectangularity related to the corresponding work size (width)                 | ± 0.5 %; ± 2.0 mm               | BS EN 14411:2012    |
| The maximum permissible deviation from rectangularity related to the corresponding work size (length)                | ± 0.5 %; ± 2.0 mm               | BS EN 14411:2012    |
| The maximum permissible deviation from flatness centre curvature, related to diagonal calculated from the work sizes | ± 0.5 %; ± 2.0 mm               | BS EN 14411:2012    |
| The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (width)       | ± 0.5 %; ± 2.0 mm               | BS EN 14411:2012    |
| The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (length)      | ± 0.5 %; ± 2.0 mm               | BS EN 14411:2012    |
| The maximum permissible deviation from flatness warpage, related to diagonal calculated from the work sizes          | ± 0.5 %; ± 2.0 mm               | BS EN 14411:2012    |
| Water absorption E <sub>b</sub> [%]                                                                                  | ≤ 0.5                           | BS EN 14411:2012    |
| Breaking strength [N]                                                                                                | minimum 700                     | BS EN 14411:2012    |
| Flexural tensile strength [N/mm <sup>2</sup> ]                                                                       | minimum 35                      | BS EN 14411:2012    |
| Resistance to deep abrasion - unglazed tiles [mm <sup>3</sup> ]                                                      | NA - not applicable             | BS EN 14411:2012    |
| Resistance to surface abrasion - glazed tiles, PEI/number of rotations                                               | 3/750 Class                     | BS EN 14411:2012    |
| Crazing resistance - glazed tiles                                                                                    | NA - not applicable             | BS EN 14411:2012    |
| Impact resistance                                                                                                    | NPD - no performance determined | BS EN 14411:2012    |
| Resistance to staining                                                                                               | minimum 4 class                 | BS EN 14411:2012    |
| Resistance to low concentrations of acids and alkalis                                                                | LB class                        | BS EN 14411:2012    |
| Resistance to high concentrations of acids and alkalis                                                               | HB class                        | BS EN 14411:2012    |
| Resistance to household chemicals and swimming pool salts                                                            | A class                         | BS EN 14411:2012    |
| Natural radioactivity [Bq/kg]                                                                                        | f1 ≤ 1, f2 ≤ 240                | BS EN 14411:2012    |
| Slip - BARE FOOT                                                                                                     | NPD - no performance determined | BS EN 14411:2012    |
| Slip - BARE FOOT α <sub>barefoot</sub> [°]                                                                           | NPD - no performance determined | BS EN 14411:2012    |
| Slip resistance - R                                                                                                  | R10                             | BS EN 14411:2012    |
| Slip resistance (PTV) - risk of dry/wet slippage - slider 55                                                         | NPD - no performance determined | BS EN 14411:2012    |
| Slip resistance (PTV) - risk of dry/wet slippage - slider 96                                                         | NPD - no performance determined | BS EN 14411:2012    |
| Displacement area class / displacement surface                                                                       | NA - not applicable             | DIN 51130           |
| Emissions of volatile organic compounds (VOCs) - class                                                               | A+                              | ISO 16000           |
| Thermal conductivity coefficient [W/m*K]                                                                             | NPD - no performance determined | PN-EN 12664         |
| Safety class of glass products                                                                                       | NA - not applicable             | PN-EN 12600         |
| Class UPEC                                                                                                           | NA - not applicable             | CSTB-Cahier 3778_V6 |

**In accordance with the indicated use and properties declared in the DOP, the Product Data Sheet and observing the principles included in the assembly instructions in accordance with**

### 2. Documents

Certificate of product compliance with the Polish Standard No. 50/N/22; Certificate authorising the product to bear the safety mark No. 48/B/22; Hygienic Certificate No. B.BK.60111.0552.2022.

Signed for and on behalf of the manufacturer by:

**Karol Goździk - Production Manager**  
**Tomaszów Mazowiecki on 2025/03/08**

