

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

5904584158025

**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 1300                    | 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 - Plant Manager**

**Tomaszów Mazowiecki on 2024/04/15**



Applies to the product: TERAZZO GREY GRES SZKL. REKT. MAT. 59,8X119,8 G1  
Group: BI<sub>a</sub>

**1. Detailed information about the application:**

Product recommended for all rooms with relatively high traffic intensity. If the utility conditions do not allow for laying glazed tiles due to high traffic intensity it is recommended to use special lines of products intended for such a use. The tiles should be protected from scratching.

| Characteristics  | Levels and/or classes           | Reference document |
|--|---------------------------------|--------------------|
| Thickness  | 8,0 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 1300                    | 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   | Class 4/6000                    | BS EN 14411:2012   |
| Crazing resistance - glazed tiles  | Pass                            | BS EN 14411:2012   |
| Impact resistance  | NPD - no performance determined | BS EN 14411:2012   |
| Resistance to staining   | 5 class                         | BS EN 14411:2012   |
| Resistance to low concentrations of acids and alkalis  | LA class                        | BS EN 14411:2012   |
| Resistance to high concentrations of acids and alkalis   | HA 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   | B                               | BS EN 14411:2012   |
| Slip - BARE FOOT α <sub>barefoot</sub> [°]   | 18 ≤ α <sub>barefoot</sub> ≤ 24 | BS EN 14411:2012   |
| Slip resistance - R  | R10                             | BS EN 14411:2012   |
| Slip resistance (PTV) - risk of dry/wet slippage - slider 55   | LOW (≥36) / LOW (≥36)           | BS EN 14411:2012   |
| Slip resistance (PTV) - risk of dry/wet slippage - slider 96   | LOW (≥36) / LOW (≥36)           | 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        |

**2. Documents**

Certificate of product compliance with the Polish Standard No. 3/N/22; Certificate authorising the product to bear the safety mark No. 2/B/22; Hygienic Certificate No. B.BK.60111.0062.2022.

Signed for and on behalf of the manufacturer by:

**Karol Goździk - Plant Manager**  
**Tomaszów Mazowiecki on 2024/04/15**

