

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

5902610557194

**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 - $\alpha_{shod}$ [°] | $6 \leq \alpha_{shod} < 10$     | 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 2024/09/18**



Applies to the product: AUTHORITY GRAPHITE GRES SZKL. REKT. MAT 119,8X279,8 G1  
Group: BI<sub>a</sub>

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

Product recommended for rooms with low and average traffic intensity. The tiles should be protected from scratching.

| Characteristics  | Levels and/or classes           | Reference document  |
|--|---------------------------------|---------------------|
| Thickness  | 6,0 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 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   | 4/2100 Class                    | 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   | 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  | R9                              | 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 |

**2. Documents**

Certificate of product compliance with the Polish Standard No. 17/N/20-1; Certificate authorising the product to bear the safety mark No. 16/B/20-1; Hygienic Certificate No. B.BK.60110.0319.2024.

Signed for and on behalf of the manufacturer by:

**Karol Goździk - Production Manager**  
**Tomaszów Mazowiecki on 2024/09/18**

