

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

5902610546129

**2. Intended use or uses:**

The ceramic tiles for internal floorings, excluding stairs, and internal and/or external walls 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:**

EN14411:2012

**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 <sub>FL</sub>                | EN14411:2012       |
| Release of dangerous substances - glazed tiles:      | -                               | -                  |
| - Lead [mg/dm <sup>2</sup> ]                         | NA - not applicable             | EN14411:2012       |
| - Cadmium [mg/dm <sup>2</sup> ]                      | NA - not applicable             | EN14411:2012       |
| Bond strength / adhesion [N/mm <sup>2</sup> ]:       | -                               | -                  |
| - cementitious adhesives                             | ≥ 0.5                           | EN14411:2012       |
| - dispersion adhesives                               | ≥ 1                             | EN14411:2012       |
| - reaction resin adhesives                           | ≥ 2                             | EN14411:2012       |
| Thermal shock resistance                             | Pass                            | EN14411:2012       |
| Breaking strength [N]                                | minimum 1300                    | EN14411:2012       |
| Slipperiness according to CEN/TS 16165:2012, Annex B | Ungraded                        | EN14411:2012       |
| Tactility  | NPD - no performance determined | EN14411:2012       |
| Durability for:                                      | -                               | -                  |
| - internal uses                                      | Pass                            | EN14411:2012       |
| - external uses: freeze-thaw resistance              | Pass                            | EN14411:2012       |

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

not applicable

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

**Karol Goździk - Production Manager**

**Tomaszów Mazowiecki date 2020-06-01**



Applies to the product: ARKESIA BEIGE GRES REKT. POLER 29,8X59,8 G1  
Group: B1<sub>a</sub>

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

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

| Characteristics  | Levels and/or classes                    | Reference document |
|--|--|--------------------|
| Thickness  | 10.0 mm                                  | EN14411:2012       |
| The permissible deviation of the average width for each tile from the work size width                                    | ± 0.6 %; ± 2.0 mm                        | EN14411:2012       |
| The permissible deviation of the average length for each tile from the work size length                                  | ± 0.6 %; ± 2.0 mm                        | EN14411:2012       |
| The permissible deviation of the average thickness of each tile from the work size thickness                             | ± 5 %; ± 0.5 mm                          | EN14411:2012       |
| The maximum permissible deviation from straightness, related to the corresponding work size (width)                      | ± 0.5 %; ± 1.5 mm                        | EN14411:2012       |
| The maximum permissible deviation from straightness, related to the corresponding work size (length)                     | ± 0.5 %; ± 1.5 mm                        | EN14411:2012       |
| The maximum permissible deviation from rectangularity related to the corresponding work size (width)                     | ± 0.5 %; ± 2.0 mm                        | EN14411:2012       |
| The maximum permissible deviation from rectangularity related to the corresponding work size (length)                    | ± 0.5 %; ± 2.0 mm                        | EN14411:2012       |
| The maximum permissible deviation from flatness centre curvature, related to diagonal calculated from the work sizes     | ± 0.5 %; ± 2.0 mm                        | EN14411:2012       |
| The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (width)           | ± 0.5 %; ± 2.0 mm                        | EN14411:2012       |
| The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (length)          | ± 0.5 %; ± 2.0 mm                        | EN14411:2012       |
| The maximum permissible deviation from flatness warpage, related to diagonal calculated from the work sizes              | ± 0.5 %; ± 2.0 mm                        | EN14411:2012       |
| Water absorption E <sub>b</sub> [%]  | ≤ 0.5                                    | EN14411:2012       |
| Flexural tensile strength [N/mm <sup>2</sup> ]   | minimum 35                               | EN14411:2012       |
| Resistance to deep abrasion - unglazed tiles [mm <sup>3</sup> ]  | maximum 175                              | EN14411:2012       |
| Resistance to surface abrasion - glazed tiles, PEI/number of rotations   | NA - not applicable                      | EN14411:2012       |
| Crazing resistance - glazed tiles  | NA - not applicable                      | EN14411:2012       |
| Impact resistance  | NPD - no performance determined          | EN14411:2012       |
| Resistance to staining   | minimum 3 class                          | EN14411:2012       |
| Resistance to low concentrations of acids and alkalis  | LA(V) class                              | EN14411:2012       |
| Resistance to high concentrations of acids and alkalis   | HB(V) class                              | EN14411:2012       |
| Resistance to household chemicals and swimming pool salts  | A(V) class                               | EN14411:2012       |
| Natural radioactivity [Bq/kg]  | f <sub>1</sub> ≤ 1, f <sub>2</sub> ≤ 240 | EN14411:2012       |
| Slipperiness according to CEN/TS 16165:2012, Annex A (BARE FOOT)   | Ungraded                                 | EN14411:2012       |
| Slipperiness according to CEN/TS 16165:2012, Annex C (PTV) - risk for slip potential in dry / wet conditions - slider 55 | LOW (D) / HIGH (W)                       | EN14411:2012       |
| Slipperiness according to CEN/TS 16165:2012, Annex C (PTV) - risk for slip potential in dry / wet conditions - slider 96 | LOW (D) / HIGH (W)                       | EN14411:2012       |
| Designation of displacement space / discharge volume   | NA - not applicable                      | DIN 51130          |
| Volatile Organic Compounds Emission (VOC) - class  | A+                                       | ISO 16000          |
| Thermal conductivity coefficient [W/m*K]   | NPD - no performance determined          | PN-EN 12664        |
| Safety class for glass products  | NA - not applicable                      | PN-EN 12600        |

**2. Documents**

Certificate of product compliance with the Polish Standard No. 17/N/20; Certificate authorising the product to bear the safety mark No. 16/B/20; Hygienic Certificate No. BK/W/0741/01/2019.

Signed for and on behalf of the manufacturer by:

**Karol Goździk - Production Manager**  
**Tomaszów Mazowiecki date 2020-06-01**

