# DECLARATION OF PERFORMANCE
## No. 5902610538209

**1. Unique identification code of the product-type:**
5902610538209
**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 | $A1/A1_{FL}$ | BS EN 14411:2012 |
| Release of dangerous substances - glazed tiles: | - | - |
| - Lead [$mg/dm^2$] | ≤ 0.8 | BS EN 14411:2012 |
| - Cadmium [$mg/dm^2$] | ≤ 0.07 | BS EN 14411:2012 |
| - Other | NPD - no performance determined | BS EN 14411:2012 |
| Bond strength / adhesion [$N/mm^2$]: | - | - |
| - 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 – $\alpha_{shod}$ [°] | $6 \leq \alpha_{shod} < 10$ | 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 - Plant Manager**
**on 2025/03/08**

# PRODUCT DATA SHEET
## No. 5902610538209

Applies to the product: VELMERO GREIGE GRES SZKL. REKT. MAT 59,8X119,8 G1
Group: $BI_a$

**1. Detailed information about the application:**
The product is recommended for all interiors with medium traffic, such as: houses, service and commercial premises. The tiles should be protected against scratching elements.

| 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 $E_b$ [%] | ≤ 0.5 | BS EN 14411:2012 |
| Breaking strength [N] | minimum 1300 | BS EN 14411:2012 |
| Flexural tensile strength [$N/mm^2$] | minimum 35 | BS EN 14411:2012 |
| Resistance to deep abrasion - unglazed tiles [$mm^3$] | NA - not applicable | BS EN 14411:2012 |
| Resistance to surface abrasion - glazed tiles, PEI/number of rotations | 4/12000 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 | LB(V) class | BS EN 14411:2012 |
| Resistance to high concentrations of acids and alkalis | NPD - no performance determined | BS EN 14411:2012 |
| Resistance to household chemicals and swimming pool salts | A(V) 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 $\alpha_{barefoot}$ [°] | 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 | LOW (≥36) / HIGH (≤24) | BS EN 14411:2012 |
| Slip resistance (PTV) - risk of dry/wet slippage - slider 96 | LOW (≥36) / MEDIUM (25÷35) | 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. 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**
**on 2025/03/08**