

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

5900144084841

**2. Intended use or uses:**

The ceramic tiles for internal 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                              | EN14411:2012       |
| Release of dangerous substances - glazed tiles:      | -                               | -                  |
| - Lead [mg/dm <sup>2</sup> ]                         | ≤ 0.8                           | EN14411:2012       |
| - Cadmium [mg/dm <sup>2</sup> ]                      | ≤ 0.07                          | 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       |
| - mortar   | NPD - no performance determined | EN14411:2012       |
| Thermal shock resistance                             | Pass                            | EN14411:2012       |
| Breaking strength [N]                                | minimum 600                     | EN14411:2012       |
| Slipperiness according to CEN/TS 16165:2012, Annex B | NA - not applicable             | EN14411:2012       |
| Tactility  | NPD - no performance determined | EN14411:2012       |
| Durability for:                                      | -                               | -                  |
| - internal uses                                      | Pass                            | EN14411:2012       |
| - external uses: freeze-thaw resistance              | NA - not applicable             | 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:

**Kazimierz Ruczyński - Production Manager**  
**Opoczno date 2018-09-01**



Applies to the product: ESAGON MIX GREY ŚCIANA 19,8X17,1 G1

Group: BIII

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

Tiles should be protected from low temperatures.

| Characteristics  | Levels and/or classes                  | Reference document |
|--|--|--------------------|
| Thickness  | 7.5 mm                                 | EN14411:2012       |
| The permissible deviation of the average width for each tile from the work size width                                | ± 0.5 %; ± 2.0 mm                      | EN14411:2012       |
| The permissible deviation of the average length for each tile from the work size length                              | ± 0.5 %; ± 2.0 mm                      | EN14411:2012       |
| The permissible deviation of the average thickness of each tile from the work size thickness                         | ± 0.5 mm                               | EN14411:2012       |
| The maximum permissible deviation from straightness, related to the corresponding work size (width)                  | ± 0.3 %; ± 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 % / - 0.3 %; + 2.0 mm / - 1.5 mm | EN14411:2012       |
| The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (width)       | + 0.5 % / - 0.3 %; + 2.0 mm / - 1.5 mm | EN14411:2012       |
| The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (length)      | + 0.5 % / - 0.3 %; + 2.0 mm / - 1.5 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> [%]  | > 10                                   | EN14411:2012       |
| Flexural tensile strength [N/mm <sup>2</sup> ]   | minimum 12                             | EN14411:2012       |
| Resistance to deep abrasion - unglazed tiles [mm <sup>3</sup> ]  | NA - not applicable                    | EN14411:2012       |
| Resistance to surface abrasion - glazed tiles, PEI/number of rotations   | NA - not applicable                    | EN14411:2012       |
| Crazing resistance - glazed tiles  | Resistant                              | EN14411:2012       |
| Impact resistance  | NPD - no performance determined        | EN14411:2012       |
| Resistance to staining   | 5 class                                | EN14411:2012       |
| Resistance to low concentrations of acids and alkalis  | LA class                               | EN14411:2012       |
| Resistance to high concentrations of acids and alkalis   | HA class                               | EN14411:2012       |
| Resistance to household chemicals and swimming pool salts  | A class                                | EN14411:2012       |
| Natural radioactivity [Bq/kg]  | f1 ≤ 1, f2 ≤ 240                       | EN14411:2012       |

**2. Documents**

Certificate of product compliance with the Polish Standard No. 77/N/15; Certificate authorising the product to bear the safety mark No. 76/B/15; Hygienic Certificate No. HK/B/1152/01/2016.

Signed for and on behalf of the manufacturer by:

**Kazimierz Ruczyński - Production Manager**

**Opoczno date 2018-09-01**

