

1. Unique identification code of the product-type:

3276007618723

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 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 ²] | ≤ 0.8 | EN14411:2012 |
| - Cadmium [mg/dm ²] | ≤ 0.07 | EN14411:2012 |
| - Other | NPD | EN14411:2012 |
| Bond strength / adhesion [N/mm ²]: | - | - |
| - cementitious adhesives | ≥ 0.5 | EN14411:2012 |
| - dispersion adhesives | ≥ 1 | EN14411:2012 |
| - reaction resin adhesives | ≥ 2 | EN14411:2012 |
| - mortar | NPD | EN14411:2012 |
| Thermal shock resistance | Pass | EN14411:2012 |
| Breaking strength [N] | minimum 600 | EN14411:2012 |
| Slipperiness according to CEN/TS 16165:2016, 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:

Karol Goździk - Production Manager

Tomaszów Mazowiecki date 2023-07-17



Applies to the product: HELOS BEIGE 3D ŚCIANA STRUKTURA REKT. 29,8X59,8 G1
Group: BIII

1. Detailed information about the application:

Tiles should be protected from low temperatures.

| Characteristics | Levels and/or classes | Reference document |
|--|--|------------------------------------|
| Thickness | 9.0 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 | ± 10 %; ± 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 _b [%] | > 10 | EN14411:2012 |
| Breaking strength [N] | minimum 600 | EN14411:2012 |
| Flexural tensile strength [N/mm ²] | minimum 12 | EN14411:2012 |
| Resistance to deep abrasion - unglazed tiles [mm ³] | NA - not applicable | EN14411:2012 |
| Resistance to surface abrasion - glazed tiles, PEI/number of rotations | NPD - no performance determined | EN14411:2012 |
| Crazing resistance - glazed tiles | Pass | 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 | LC class | EN14411:2012 |
| Resistance to high concentrations of acids and alkalis | NA - not applicable | EN14411:2012 |
| Resistance to household chemicals and swimming pool salts | A class | EN14411:2012 |
| Natural radioactivity [Bq/kg] | f1 ≤ 1, f2 ≤ 240 | EN14411:2012 |
| Poślizg - BOSA STOPA | NA - not applicable | DIN EN 16165:2023-02, Attachment A |
| Poślizg - BOSA STOPA α _{barefoot} [°] | NA - not applicable | EN 16165:2023-02, Attachment A |
| Slip resistance acc. to CEN/TS 16165:2016, Appendix A (BARE FOOT) | NA - not applicable | DIN EN 16165:2023-02, Attachment B |
| Slip resistance acc. to CEN/TS 16165:2016, Appendix C (PTV) - risk of dry/wet slippage - slider 55 | NA - not applicable | BS 7976-2:202+A1:2013 / UKSRG |
| Slip resistance acc. to CEN/TS 16165:2016, Appendix C (PTV) - risk of dry/wet slippage - slider 96 | N/A - not applicable | BS 7976-2:202+A1:2013 / UKSRG |
| 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. 52/N/22; Certificate authorising the product to bear the safety mark No. 51/B/22; Hygienic Certificate No. B-BK-60211-0341/21.

Signed for and on behalf of the manufacturer by:

Karol Goździk - Production Manager
Tomaszów Mazowiecki date 2023-07-17

