

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

5900144051522

**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:**

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	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 600	BS EN 14411:2012
Slipperiness according to CEN/TS 16165:2021, Annex B - $\alpha_{shod}$ [°]	NA - not applicable	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	NA - not applicable	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:

**Kazimierz Ruczyński - Production Manager**

**Opoczno on 2024/04/15**



Applies to the product: SERENE BEIGE HEKSAGON STRUKTURA 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	9,0 mm	BS EN 14411:2012
The permissible deviation of the average width for each tile from the work size width	± 0.5 %; ± 2.0 mm	BS EN 14411:2012
The permissible deviation of the average length for each tile from the work size length	± 0.5 %; ± 2.0 mm	BS EN 14411:2012
The permissible deviation of the average thickness of each tile from the work size thickness	± 0.5 mm	BS EN 14411:2012
The maximum permissible deviation from straightness, related to the corresponding work size (width)	± 0.3 %; ± 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)	NA - not applicable	BS EN 14411:2012
The maximum permissible deviation from rectangularity related to the corresponding work size (length)	NA - not applicable	BS EN 14411:2012
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	BS EN 14411:2012
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	BS EN 14411:2012
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	BS EN 14411:2012
The maximum permissible deviation from flatness warpage, related to diagonal calculated from the work sizes	NPD - no performance determined	BS EN 14411:2012
Water absorption E <sub>b</sub> [%]	> 10	BS EN 14411:2012
Breaking strength [N]	minimum 600	BS EN 14411:2012
Flexural tensile strength [N/mm <sup>2</sup> ]	minimum 12	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	NA - not applicable	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> [°]		BS EN 14411:2012
Slip resistance - R	NA - not applicable	BS EN 14411:2012
Slip resistance (PTV) - risk of dry/wet slippage - slider 55	NA - not applicable	BS EN 14411:2012
Slip resistance (PTV) - risk of dry/wet slippage - slider 96	N/A - not applicable	BS EN 14411:2012
Displacement area class / displacement surface	NPD - no performance determined	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. 48/N/20; Certificate authorising the product to bear the safety mark No. 47/B/20; Hygienic Certificate No. B-BK-60211-0391/20.

Signed for and on behalf of the manufacturer by:

**Kazimierz Ruczyński - Production Manager**

**Opczno on 2024/04/15**

