

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

5902610594854

**2. Intended use or uses:**

The ceramic tiles for 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	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
- Other	NPD - no performance determined	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 1100	EN14411:2012
Slipperiness according to CEN/TS 16165:2021, Annex B - $\alpha_{shod}$ [°]	NPD - no performance determined	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:**

NA - 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 on 2025/03/08**



Applies to the product: SEMIR GRAFIT COKÓŁ 8,1X30 G1

Group: Bl<sub>6</sub>

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

Mosaic also intended for assembly in the swimming pool basins.

Characteristics	Levels and/or classes	Reference document
Thickness	8.5 mm	EN14411:2012
The permissible deviation of the average width for each tile from the work size width	± 0.9 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	± 0.5 mm	EN14411:2012
The maximum permissible deviation from straightness, related to the corresponding work size (width)	± 0.75 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)	± 0.75 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)	± 0.75 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 < E <sub>b</sub> ≤ 3	EN14411:2012
Breaking strength [N]	minimum 1100	EN14411:2012
Flexural tensile strength [N/mm <sup>2</sup> ]	minimum 30	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	NA - not applicable	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	HB 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
Slip - BARE FOOT		DIN EN 16165:2023-02, Attachment A
Slip - BARE FOOT α <sub>barefoot</sub> [°]		EN 16165:2021, Attachment A
Slip resistance - R	NPD - no performance determined	DIN EN 16165:2023-02, Attachment B
Slip resistance (PTV) - risk of dry/wet slippage - slider 55	NA - not applicable	BS 7976-2:2002+A1:2013 / UKSRG
Slip resistance (PTV) - risk of dry/wet slippage - slider 96	N/A - not applicable	BS 7976-2:2002+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
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 "Regulation (EU) 223/988 of the European Parliament and of the Council of 10 May 2023 on general product safety", the product is safe.**

**2. Documents**

Certificate of product compliance with the Polish Standard No. 12/N/22; Certificate authorising the product to bear the safety mark No. 11/B/22; Hygienic Certificate No. HK/B/0753/01/2016.

Signed for and on behalf of the manufacturer by:

**Kazimierz Ruczyński - Production Manager**  
**Opoczno on 2025/03/08**

