DECLARATION OF PERFORMANCE
No. 5904584153839

1. Unique identification code of the product-type:
5904584153839
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:
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	$A1/A1_{FL}$	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 1300	EN14411:2012
Slipperiness according to CEN/TS 16165:2016, Annex B	$10 \leq \alpha_{shod} < 19$	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:
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 - Plant Manager
Tomaszów Mazowiecki date 2023/01/02



PRODUCT DATA SHEET
No. 5904584153839

Applies to the product: NATURAL ROCKS TITAN GRES SZKL. MAT. 60X60 G1
Group: BI_a

1. Detailed information about the application:
Product recommended for all rooms with relatively high traffic intensity. If the utility conditions do not allow for laying glazed tiles due to high traffic intensity it is recommended to use special lines of products intended for such a use. The tiles should be protected from scratching.

Characteristics	Levels and/or classes	Reference document
Thickness	8.0 mm	EN14411:2012
The permissible deviation of the average width for each tile from the work size width	± 0.6 %; ± 2.0 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	± 5 %; ± 0.5 mm	EN14411:2012
The maximum permissible deviation from straightness, related to the corresponding work size (width)	± 0.5 %; ± 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 %; ± 2.0 mm	EN14411:2012
The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (width)	± 0.5 %; ± 2.0 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_b [%]	≤ 0.5	EN14411:2012
Breaking strength [N]	minimum 1300	EN14411:2012
Flexural tensile strength [N/mm^2]	minimum 35	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	class 4/6000	EN14411:2012
Crazing resistance - glazed tiles	Pass	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
Poślizg – BOSA STOPA	NPD - no performance determined	DIN EN 16165:2023-02, Attachment A
Poślizg – BOSA STOPA $\alpha_{barefoot}$ [°]	NPD - no performance determined	EN 16165:2023-02, Attachment A
Slip resistance acc. to CEN/TS 16165:2016, Appendix A (BARE FOOT)	R10	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	LOW (D) / LOW (W)	BS 7976-2:2002+A1:2013 / UKSRG
Slip resistance acc. to CEN/TS 16165:2016, Appendix C (PTV) - risk of dry/wet slippage - slider 96	LOW (D) / LOW (W)	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

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
Tomaszów Mazowiecki date 2023/01/02

