DECLARATION OF PERFORMANCE
No. 5902610546426

1. Unique identification code of the product-type:
5902610546426
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:
N/A – not applicable 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]	NA - not applicable	EN14411:2012
- Cadmium [mg/dm^2]	NA - not applicable	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 - Production Manager
Tomaszów Mazowiecki date 2023/01/02



PRODUCT DATA SHEET
No. 5902610546426

Applies to the product: ARKESIA GRYS GRES REKT. MAT. 59,8X59,8 G1
Group: BI_a

1. Detailed information about the application:
The ceramic tiles for internal and /or external floorings and walls, including stairs, in buildings and industrial facilities.

Characteristics	Levels and/or classes	Reference document
Thickness	10.0 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]	maximum 175	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	minimum 3 class	EN14411:2012
Resistance to low concentrations of acids and alkalis	LA(V) class	EN14411:2012
Resistance to high concentrations of acids and alkalis	HA(V) class	EN14411:2012
Resistance to household chemicals and swimming pool salts	A(V) class	EN14411:2012
Natural radioactivity [Bq/kg]	f1 ≤ 1, f2 ≤ 240	EN14411:2012
Poślizg – BOSA STOPA	B	DIN EN 16165:2023-02, Attachment A
Poślizg – BOSA STOPA $\alpha_{barefoot}$ [°]	$18 \leq \alpha_{barefoot} \leq 24$	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 (S) / MEDIUM (M)	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
CeCertificate of product compliance with the Polish Standard No. 17/N/20-1; Certificate authorising the product to bear the safety mark No. 16/B/20-1; Hygienic Certificate No. B.BK.60110.1035.2022.

Signed for and on behalf of the manufacturer by:

Karol Goździk - Production Manager
Tomaszów Mazowiecki date 2023/01/02

