

1. Unique identification code of the product-type:

5900144041257

2. Intended use or uses:

Decorative products and goods, artistic, intended for internal walls in residential and public utility buildings and industrial facilities, where they are not subjected to low temperatures. The product should be installed using special adhesives for ceramic tiles. Glass-based products are unique by nature, and the change of colour resulting from the change of lighting angle and type, curvature and edges waviness, as well as changes of structure are intended.

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: NA - not applicable

6a. Harmonised standard:

NA - not applicable

Notified unit/s:

The Building Research Institute unit no. 1488

6b. European Assessment Document:

EAD300002-00-1202 September 2017

European Technical Assessment:

ETA-19/0861 of 30/12/2019

Technical Assessment Body:

BUILDING RESEARCH INSTITUTE in Warsaw

Notified unit/s:

BUILDING RESEARCH INSTITUTE in Warsaw unit no. 1488

7. Declared performances:

Essential characteristics	Levels and/or classes	Reference document
Reaction to fire	A1	NA - not applicable
Release of dangerous substances - glazed tiles:	-	-
- Lead [mg/dm ²]	≤ 0,1	NA - not applicable
- Cadmium [mg/dm ²]	≤ 0,02	NA - not applicable
- Other	NPD - no performance determined	NA - not applicable
Bond strength / adhesion [N/mm ²]:	-	-
- cementitious adhesives	≥ 0.5	NA - not applicable
- dispersion adhesives	≥ 1	NA - not applicable
- reaction resin adhesives	≥ 2	NA - not applicable
- mortar	NPD - no performance determined	NA - not applicable
Thermal shock resistance	Pass	NA - not applicable
Breaking strength [N]	minimum 1300	NA - not applicable
Slipperiness according to CEN/TS 16165:2021, Annex B - α_{shod} [°]	NA - not applicable	NA - not applicable
Tactility	NPD - no performance determined	NA - not applicable
Durability for:	-	-
- internal uses	Pass	NA - not applicable
- external uses: freeze-thaw resistance	NA - not applicable	NA - not applicable

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 2024/09/18



Applies to the product: NATI LISTWA SZKLANA 4,8X40 G1
Group: Glass decorations

1. Detailed information about the application:

Decorative products and goods, artistic, intended for internal walls in residential and public utility buildings and industrial facilities, where they are not subjected to low temperatures. The product should be installed using special adhesives for ceramic tiles. Glass-based products are unique by nature, and the change of colour resulting from the change of lighting angle and type, curvature and edges waviness, as well as changes of structure are intended.

Characteristics	Levels and/or classes	Reference document
Thickness	6.0 mm	NA - not applicable
The permissible deviation of the average width for each tile from the work size width	± 0.9 mm	NA - not applicable
The permissible deviation of the average length for each tile from the work size length	± 0.6 %; ± 2.0 mm	NA - not applicable
The permissible deviation of the average thickness of each tile from the work size thickness	± 0.5 mm	NA - not applicable
The maximum permissible deviation from straightness, related to the corresponding work size (width)	± 0.75 mm	NA - not applicable
The maximum permissible deviation from straightness, related to the corresponding work size (length)	± 0.5 %; ± 1.5 mm	NA - not applicable
The maximum permissible deviation from rectangularity related to the corresponding work size (width)	± 0.75 mm	NA - not applicable
The maximum permissible deviation from rectangularity related to the corresponding work size (length)	± 0.5 %; ± 2.0 mm	NA - not applicable
The maximum permissible deviation from flatness centre curvature, related to diagonal calculated from the work sizes	± 0.5 %; ± 2.0 mm	NA - not applicable
The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (width)	± 0.75 mm	NA - not applicable
The maximum permissible deviation from flatness edge curvature, related to the corresponding work size (length)	± 0.5 %; ± 2.0 mm	NA - not applicable
The maximum permissible deviation from flatness warpage, related to diagonal calculated from the work sizes	± 0.5 %; ± 2.0 mm	NA - not applicable
Water absorption E _b [%]	≤ 0.5	NA - not applicable
Breaking strength [N]	minimum 1300	NA - not applicable
Flexural tensile strength [N/mm ²]	minimum 35	NA - not applicable
Resistance to deep abrasion - unglazed tiles [mm ³]	NA - not applicable	NA - not applicable
Resistance to surface abrasion - glazed tiles, PEI/number of rotations	NA - not applicable	NA - not applicable
Crazing resistance - glazed tiles	NA - not applicable	NA - not applicable
Impact resistance	NPD - no performance determined	NA - not applicable
Resistance to staining	5 class	NA - not applicable
Resistance to low concentrations of acids and alkalis	LA class	NA - not applicable
Resistance to high concentrations of acids and alkalis	NA - not applicable	NA - not applicable
Resistance to household chemicals and swimming pool salts	A class	NA - not applicable
Natural radioactivity [Bq/kg]	NPD - no performance determined	NA - not applicable
Slip - BARE FOOT	NPD - no performance determined	DIN EN 16165:2023-02, Attachment A
Slip - BARE FOOT α _{barefoot} [°]	NPD - no performance determined	EN 16165:2021, Attachment A
Slip resistance - R	NA - not applicable	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	C	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

2. Documents

European Technical Assessment ETA-19/0861 of 30/12/2019 Glass plates, tiles and mosaic, European Assessment Document (EAD) 300002-00-1202 Glass panels, tiles and mosaic September 2017, Report No. 154.W.13. AK on the pendulum impact strength test for laminated glass - class 3/B/3.

Signed for and on behalf of the manufacturer by:

Kazimierz Ruczyński - Production Manager
Opczno on 2024/09/18

