



DECLARATION OF PERFORMANCE

Pursuant to Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011

Platio Solar Paver / 2020.01.31.

- 1. Identification code of the product:** Platio Solar Paver (System 4.6, i.e. 4 pcs of 6 Inch Solar Cells) "Dotted Soft" product family.
Each product has a unique identification number on the bottom of the product.
- 2. Intended use of the product:** glass surfaced paving element with built-in photovoltaic cells for pedestrian and light vehicle traffic. The load capacity is detailed in the tables.
- 3. Manufacturer information:**
Name: Innovatív Térburkolatfejlesztő Kft.
Official address and place of manufacture: Jókai utca 64., 4080 Hajdúnánás
Mailing address: Katona József utca 41. I. Em. 8., 1137 Budapest
Place of glass manufacture: Trakya Cam Sanayii A.Ş., İş Kuleleri Kule 3 34330 Istanbul

The name Platio is a registered trademark of Innovatív Térburkolatfejlesztő Kft., registered by the European Union Intellectual Property Office under number 016338361 (classes 9, 19, 39).
- 4. System or systems of assessment and verification of constancy of performance of the product, as specified in Annex V:**
System 3
- 5. Relevant legislation and harmonized standard:**
Regulation (EU) No 305/2011 of the European Parliament and of the Council
EN 572-9: 2006
The notified body laboratory performed the tests according to harmonized standards, see attached test reports.
- 6. Name of type-examination body:**
Certimac
Notified Body No. 2685

7. Declared performance

	Performance	Harmonized technical specification
Hydrochloric acid solution, 3% (v/v)	LA(V) No visible effect	UNI EN ISO 10545-13
Potassium hydroxide solutions, 30 g/L	LA(V) No visible effect	UNI EN ISO 10545-13
Hydrochloric acid solution, 18% (v/v)	HA(V) No visible effect	UNI EN ISO 10545-13
Potassium hydroxide solutions, 100 g/L	HA(V) No visible effect	UNI EN ISO 10545-13
Determination of compressive strength	At 7.5 tons per unit, there is no visible effect. At loads greater than 14 tones, the units may break after 60 seconds	No harmonized standard, 5 mm/min
Determination of dimensional stability	Width: $\Delta\epsilon_b < 0,02\%$ Length: $\Delta\epsilon_b < 0,02\%$ Thickness: $\Delta\epsilon_b < 0,10\%$	UNI EN 1604
Determination of impact resistance	For point loads: 8.5 J (1.030 kg balls from 85 cm)	EN 14617-9
Determination of static load	Maximum load: Class 5 Maximum deflection: Class C (safety factor equal to $n=3$)	EN 12825
Determination of water permeability by means of total immersion	With bottom element on average: After 24 hours: 0,68 %p/p After 48 hours: 0,82 %p/p After 72 hours: 0,95 %p/p	-
Determination of slip/skid resistance	On average: Dry: 64 PTV Wet: 24 PTV	EN 13036-4

The performance of the product described above is in accordance with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified in section 4.

Signatories on behalf of and for the manufacturer:

Hamsik Gábor – *Managing Director*

Ilyés Miklós – *Head of Product Development*

Budapest 2020. 01. 31.



signature



Declaration of Performance No: FDD0600Z

TRC Helio Extra Clear 6 mm
2013

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4.Levent- İSTANBUL/TÜRKİYE
Tel: +90 212 350 50 50
www.trakyacam.com.tr/en/ce

EN 572-9:2006
Notified Test Body: 1750

Basic soda lime silicate float glass, intended to be used in buildings and construction works

Characteristics	AVCP System	Performance
Safety in the case of fire:		
Resistance to fire (13501-2)	1	NPD
Reaction to fire (13501-1)	3,4	A1
External fire behaviour (EN 13501-5)	3,4	NPD
Safety in use:		
Bullet resistance (EN 1063)	1	NPD
Explosion resistance (EN 13541)	1	NPD
Burglar resistance (EN 356)	3	NPD
Pendulum body impact resistance (EN 12600)	3	NPD
Resistance against sudden temperature changes and temperature differentials	4	40K
Wind, snow, permanent and imposed load resistance of the glass unit	4	6mm
Protection against noise:		
Direct airborne sound reduction (EN 12758)	4	31 (-2; -3) dB
Thermal properties:		
U-value (EN 673)	3	5,7 W/(m ² K)
Normal emissivity (EN 12898)	3	0,89
Radiation properties (EN 410):		
Light transmission	3	0,91
Light reflection outdoor	3	0,08
Light reflection indoor	3	0,08
Solar energy characteristics (EN 410):		
Solar transmission	3	0,89
Solar reflection outdoor	3	0,08
Solar reflection indoor	3	0,08

NPD: No performance determined

The performance of the product identified is in conformity with the declared performance above.
This declaration of performance is issued under the sole responsibility of the manufacturer.
Signed for and on behalf of the manufacturer by:

Name and function	Place and date of issue	Signature
Gökhan Atikkan Basic Glass Production Director	01 July 2013 İstanbul	