

**THERMOPLASTIKI**

## DECLARATION OF PERFORMANCE

No. 07.154 – 305/11/EU – 21/June/2023

### Sun Plus energy glass panes

1. Unique identification code of the product type: **5mm – 14mm (90% Argon) – 4mm  
14mm(90% Argon) – 4+4 Sun Plus**
2. Intended use: **Homes, Office buildings, Store buildings,  
Industrial buildings, Malls**
3. Manufacturer: **THERMOPLASTIKI S.A. Amigdaleonas, Kavala  
P.C. 64012**
4. Authorised representative: **Not applicable**
5. AVCP System (evaluation and confirmation of performance stability): **3**
6. Harmonised Standard: **EN 1279-5 : 2006**  
Notified laboratories: **ZEMLABOR  
TUV Rheinland Nederland B.V**
7. Declared performance/s:

Essential Characteristics	Performance	Testing standards
Resistance to fire	<b>npd</b>	EN 13501-2
Reaction to fire	<b>npd</b>	EN 13501-1
Performance to external fire	<b>npd</b>	EN 13501-5
Resistance to the impact of a pendulum body	<b>2(B)2</b>	EN 12600
Resistance to sudden temperature changes	<b>40</b>	EN 12150
Wind pressure and snow resistance	<b>45/45</b>	prEN 13474
Gas content (argon)	<b>83.4%</b>	EN 1279-3
Gas leak rate (argon)	<b>0.22</b>	EN 1279-3
Soundproofing in case of air-distributed noise	<b>40</b>	EN 12758
Thermal permeability (Ug-value)	<b>0.9</b>	EN 673
Light permeability coefficient LT	<b>0.64</b>	EN 410
Solar coefficient SF (g-value)	<b>0.33</b>	EN 410



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8. Appropriate technical documentation and/or specific technical documentation: **The technical requirements and the performance of the products are documented in products' Technical Documentation and in the Company's Technical Brochures.**

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:

Despoina Germanidou, Products Certification Manager

Amigdaleonas, Kavala,

21-06-2023