

**THERMOPLASTIKI**

## DECLARATION OF PERFORMANCE

No. 07.150 – 305/11/EU – 21/June/2023

### Sun Plus energy glass panes

1. Unique identification code of the product type: **4+4mm Soundproof – 14mm (90% Argon) – 4+4mm 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>43</b>      | EN 12758          |
| Thermal permeability (Ug-value)                | <b>1.1</b>     | EN 673            |
| Light permeability coefficient LT              | <b>0.69</b>    | EN 410            |
| Solar coefficient SF (g-value)                 | <b>0.35</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