

**THERMOPLASTIKI**

DECLARATION OF PERFORMANCE

No. 07.058 – 305/11/EU – 06/February/2023

Solar More energy glass panes

1. Unique identification code of the product type: **4mm Low - E – 12mm (90% Argon) – 4+4mm D.MAT**
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 | npd | EN 13501-2 |
| Reaction to fire | A1 | EN 13501-1 |
| Performance to external fire | npd | EN 13501-5 |
| Resistance to the impact of a pendulum body | npd | EN 12600 |
| Resistance to sudden temperature changes | 40K | EN 12150 |
| Wind pressure and snow resistance | 4mm | prEN 13474 |
| Gas content (argon) | 83.4% | EN 1279-3 |
| Gas leak rate (argon) | 0.22 | EN 1279-3 |
| Soundproofing in case of air-distributed noise | 36 | EN 12758 |
| Thermal permeability (Ug-value) | 1.3 | EN 673 |
| Light permeability coefficient LT | 0.80 | EN 410 |
| Solar coefficient SF (g-value) | 0.59 | 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,

06-02-2023