

# Declaration of Performance

No: FRZ0400Z



2022

EN 572-9:2006  
Notified Body: 1750

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


| Characteristics   | AVCP System | Performance              |
|---|-------------|--------------------------|
| <b>Safety in the case of fire:</b>  |             |                          |
| Resistance to fire (13501-2)  | 1           | NPD                      |
| Reaction to fire (13501-1)  | 3.4         | A1                       |
| External fire behaviour (EN 13501-5)  | 3.4         | NPD                      |
| <b>Safety in use:</b>   |             |                          |
| 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           | 4mm                      |
| <b>Protection against noise:</b>  |             |                          |
| Direct airborne sound reduction (EN 12758)                                  | 4           | 29 (-2; -3) dB           |
| <b>Thermal properties:</b>  |             |                          |
| U-value (EN 673)  | 3           | 5.8 W/(m <sup>2</sup> K) |
| Normal emissivity (EN 12898)  | 3           | 0.89                     |
| <b>Radiation properties (EN 410):</b>                                       |             |                          |
| Light transmission  | 3           | 0.9                      |
| Light reflection outdoor  | 3           | 0.08                     |
| Light reflection indoor   | 3           | 0.08                     |
| <b>Solar energy characteristics (EN 410):</b>                               |             |                          |
| Solar transmission  | 3           | 0.85                     |
| Solar reflection outdoor  | 3           | 0.07                     |
| Solar reflection indoor   | 3           | 0.07                     |

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<br>Basic Glass Production<br>Director | 1.7.2022<br>İstanbul    |  |

**TÜRKİYE ŞİŞE VE CAM FABRİKALARI A.Ş.**

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