



Sangalli Vetro Manfredonia Spa, S.S. 89 Km 162.250 – Frazione Macchia – 71030 Monte S. Angelo (FG)

### DECLARATION OF CONFORMITY

The undersigned hereby declares, on behalf of the following companies:

- Sangalli Vetro Manfredonia Spa, S.S. 89 Km 162.250 – Frazione Macchia – 71030 Monte S. Angelo (FG)
- Sangalli Vetro Porto Nogaro Spa, Via Fermi – Zona Industriale Aussa Corno – 33058 San Giorgio di Nogaro (UD)

that the product named Defender, intended to be used in buildings and construction works, is in conformity with the provisions of the EN 14449:2005, certified with system 3.

Notified body: **NA**

**EN 14449**

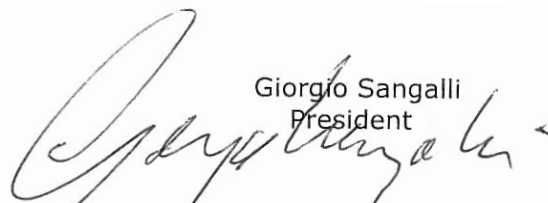
Laminated glass and laminated safety glass to be used in buildings and construction works

### DEFENDER 66/1

|  |                         |
|--|-------------------------|
| Resistance to Fire (EN 13501-2)  | NPD                     |
| Reaction to fire (EN 13501-1)  | NPD                     |
| External fire performances (EN 13501-5)                                      | NPD                     |
| Bullet resistance (EN 1063)  | NPD                     |
| Explosion resistance (EN 13541)  | NPD                     |
| Burglar resistance (EN 356)  | NPD                     |
| Pendulum body impact resistance (EN 12600)                                   | 1(B)1                   |
| Resistance against sudden temperatures changes and temperature differentials | 40 K                    |
| Wind, snow, permanent and imposed load resistance                            | 12.4 mm                 |
| Direct airborne sound insulation (EN 12758)                                  | Rw (C;Ctr): NPD dB      |
| Thermal properties (Ug EN 673)   | 5.5 W/m <sup>2</sup> K  |
| Radiation properties (EN 410)  |                         |
| Light transmission and reflection  | 86%, 8%                 |
| Solar transmission and reflection  | 67%, 7%                 |
| Dangerous substances   | No dangerous substances |

Date: 31/01/2011

Giorgio Sangalli  
President



**Sangalli Vetro Manfredonia S.p.a.**

**Sede Legale:** Via Conegliano 75/G – 31058 Susegana (TV)

**Uffici e Stabilimento:** S.S. 89 Km. 162.250 – Località Chiusa del Barone – Frazione Macchia – 71030 Monte S. Angelo (FG)

Capitale Sociale sottoscritto e versato € 38.168.147,00

Codice Fiscale e Numero Iscrizione Registro Imprese di Treviso 02291140719

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