

## DECLARATION OF PERFORMANCE

Date of issue: 01/07/2013

Replaces: No----- - CPR --/---- - yyyy/# of : dd/mm/yyyy

No. 1812-CPR-0121 – CPR – 2013/1

|   |                                                                                                                                                                                                                                                                                                       |                                |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 1 | <b>Identification of the product-type: PROMAGLAS EW1</b>                                                                                                                                                                                                                                              |                                |
| 2 | <b>Type and batch numbers:</b> as given on the product label                                                                                                                                                                                                                                          |                                |
| 3 | <b>Intended uses:</b> Fire resisting Glass                                                                                                                                                                                                                                                            |                                |
| 4 | <b>Name and contact address of the manufacturer:</b><br>Promat GmbH<br>Scheifenkamp 16<br>40878 Ratingen<br>Germany<br>Plant: 247                                                                                                                                                                     |                                |
| 5 | <b>Authorised representative:</b> not applicable.                                                                                                                                                                                                                                                     |                                |
| 6 | <b>System or systems of Assessment and Verification of Constancy of Performance (AVCP):</b><br>system 1 (for resistance to fire).                                                                                                                                                                     |                                |
| 7 | <b>The construction product is covered by the harmonised standard EN 14449.</b><br>Notified product certification body: No. 1812<br>Certificate of Constancy of Performance<br>(according to the CPR art. 66.2 the Certificate of Conformity under the CPD may be used for the DoP):<br>1812-CPD-0121 |                                |
| 8 | <b>The construction product is not covered by a European Technical Assessment.</b>                                                                                                                                                                                                                    |                                |
| 9 | <b>Declared Performance</b>                                                                                                                                                                                                                                                                           |                                |
|   | Characteristic                                                                                                                                                                                                                                                                                        | PROMAGLAS EW1-30,<br>4 / 8 / 4 |
|   | Resistance to fire                                                                                                                                                                                                                                                                                    | EW30                           |
|   | Reaction to fire                                                                                                                                                                                                                                                                                      | NPD                            |
|   | External fire performances                                                                                                                                                                                                                                                                            | NPD                            |
|   | Bullet resistance                                                                                                                                                                                                                                                                                     | NPD                            |
|   | Explosion resistance                                                                                                                                                                                                                                                                                  | NPD                            |
|   | Burglar resistance                                                                                                                                                                                                                                                                                    | NPD                            |
|   | Pendulum body impact resistance                                                                                                                                                                                                                                                                       | NPD                            |
|   | Resistance against sudden temperature change and temperature differentials                                                                                                                                                                                                                            | NPD                            |
|   | Wind, snow, permanent and imposed load resistance                                                                                                                                                                                                                                                     | NPD                            |
|   | Light transmission [%]                                                                                                                                                                                                                                                                                | NPD                            |
|   | Energy transmission g [%]                                                                                                                                                                                                                                                                             | NPD                            |
|   | Sound insulation Rw [dB]                                                                                                                                                                                                                                                                              | NPD                            |
|   | Heat transfer coefficient U <sub>g</sub> [W/m <sup>2</sup> K]                                                                                                                                                                                                                                         | NPD                            |

This Declaration of Performance is also valid for glass types derived from the above mentioned by using

- thicker layers of toughened glass
- thicker interlayers (up to 18 mm for EI 30, 22 mm for EI 60, 38 mm for EI 90 and 47 mm for EI 120)
- laminated safety glass instead of toughened glass (same or higher thickness).

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

The reader of this document is invited to verify on the website [www.promat-ce.eu](http://www.promat-ce.eu) the latest version of this DoP.

Information on mounting and fixing is available on request to Promat.

Signed for and on behalf of the manufacturer by:

Name: Bernhard Lüdecke  
Function: Managing Director, Promat GmbH.



Signature

Ratingen, 1<sup>st</sup> of July 2013