



CE Marking of PROMAGLAS F1  
EN 14449 – Declaration of Conformity



We

Promat GmbH  
Scheifenkamp 16, D-40878 Ratingen, Germany

declare, under our sole responsibility, the following characteristics for the CE Marking of the glass products named PROMAGLAS F1, intended to be used in buildings and construction works, following EN 14449

Type	PROMAGLAS F1-30, 5 / 12 / 5	PROMAGLAS F1-60, 5 / 18 / 5	PROMAGLAS F1-90, 5 / 24 / 5	PROMAGLAS F1-120, 8 / 38 / 8
Certificate Number	1812 – CPD – 0121			
Notified Body	1812			
Resistance to fire	EI 30	EI 60	EI 90	EI 120
Reaction to fire	NPD	NPD	NPD	NPD
External fire performances	NPD	NPD	NPD	NPD
Bullet resistance	NPD	NPD	NPD	NPD
Explosion resistance	NPD	NPD	NPD	NPD
Burglar resistance	NPD	NPD	NPD	NPD
Pendulum body impact resistance	NPD	NPD	NPD	NPD
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD
Light transmission [%]	87	86	86	NPD
Energy transmission g [%]	70	68	67	NPD
Sound insulation Rw [dB]	43	44	46	NPD
Heat transfer coefficient U <sub>g</sub> [W/m <sup>2</sup> K]	5,2	5,1	4,9	NPD

This Declaration of Conformity 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).

Ratingen, March 1<sup>st</sup>, 2012

Bernhard Lüdecke

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