



CE Marking of Promat-SYSTEMGLAS 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 Promat-SYSTEMGLAS F1, intended to be used in buildings and construction works, following EN 14449

Type	Promat-SYSTEMGLAS F1-30, 8 / 12 / 8	Promat-SYSTEMGLAS F1-60, 8 / 18 / 8	Promat-SYSTEMGLAS F1-90, 8 / 24 / 8	Promat-SYSTEMGLAS F1-120, 8 / 38 / 8
Certificate Number Notified Body	1812 – CPD – 0123 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 [%]	83	83	83	NPD
Energy transmission g [%]	67	65	64	NPD
Sound insulation Rw [dB]	43	44	45	NPD
Heat transfer coefficient U_o [W/m ² K]	5,1	4,9	4,8	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 1st, 2012

Bernhard Lüdecke

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