

<b>DECLARATION OF PERFORMANCE</b>	
	Date of issue: 01/07/2013 Replaces: No --- - CPR --/---- - yyyy/# of: dd/mm/yyyy
	<b>No. 1121 – CPR – CA0007 – CPR – 2013/1</b>
1	<b>Unique identification of the product-type: Promat®-SYSTEMGLAS</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> Promat International N.V. Bormstraat 24 B-2830 Tisselt Belgium www.promat-international.com
5	<b>Authorised representative:</b> not applicable.
6	<b>System or systems of Assessment and Verification of Constancy of Performance (AVCP):</b> see table in attachment.
7	<b>The construction product is covered by a harmonised standard: EN 14449.</b> Notified product certification body: No. 1121 Certificate of Constancy of Performance (CPR art. 66.2: Manufacturers may draw up a declaration of performance on the basis of a certificate of conformity or a declaration of conformity, which has been issued before 1 July 2013 in accordance with Directive 89/106/EEC): <b>1121 – CPD – CA0007</b>
8	<b>The construction product is not covered by a European Technical Assessment.</b>
9	<b>Declared performance</b>  see table in attachment

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" the latest version of this DoP.

Signed for and on behalf of the manufacturer by:

Name: Stefaan van Haute  
Function: Technical Director, Promat International N.V.

Tisselt, 1st of July 2013

Signature



## Table of declared performances

Essential characteristics	AVCP systems	Promat®- SYSTEMGLAS G30, Type 1	Promat®- SYSTEMGLAS G30, Type 2	Promat®- SYSTEMGLAS 15, Type 1	Promat®- SYSTEMGLAS 15, Type 2	Harmonised technical specification
Resistance to fire	1	EW30	EW30	EI15 / EW30	EI15 / EW30	EN 14449
Reaction to fire	3	A2-s1,d0	B-s1,d0	A2-s1,d0	B-s1,d0	
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	3	3B3	1B1	2B2	1B1	
Resistance against sudden temperature change and temperature differentials	-	NPD	NPD	NPD	NPD	
Wind, snow, permanent and imposed load resistance	-	NPD	NPD	NPD	NPD	
Direct airborne sound reduction: $R_w$ (C, Ctr)	3	34 (0; -3)	35 (-1; -2)	36 (-1; -3)	38 (-1; -3)	
Thermal properties: -- U-value -- Normal emissivity $\epsilon_n$	3 -	5,7 NPD	5,5 NPD	5,6 NPD	5,4 NPD	
Light transmission/reflection: $\tau_v / \rho_v / \rho'_v$	3	89 / 8 / 8	87 / 8 / 8	86 / 8 / 8	85 / 8 / 8	
Solar energy transmission/reflection:: $\tau_e / \rho_e / \rho'_e$	3	73 / 7 / 7	65 / 7 / 7	65 / 7 / 7	58 / 6 / 6	

NPD: No Performance Determined

## Table of declared performances

Essential characteristics	Promat®-SYSTEMGLAS 30, Type 1	Promat®-SYSTEMGLAS 30, Type 2	Promat®-SYSTEMGLAS 30, Type 5	Harmonised technical specification
Resistance to fire	EI30	EI30	EI15	EN 14449
Reaction to fire	A2-s1,d0	B-s1,d0	B-s1,d0	
External fire performances	NPD	NPD	NPD	
Bullet resistance	NPD	NPD	NPD	
Explosion resistance	NPD	NPD	NPD	
Burglar resistance	NPD	NPD	NPD	
Pendulum body impact resistance	2B2	1B1	1B1	
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	
Direct airborne sound reduction: $R_w$ (C, Ctr)	39 (-1; -3)	39 (-1; -3)	38 (-1; -3)	
Thermal properties: -- U-value -- Normal emissivity $\epsilon_n$	5,4 NPD	5,2 NPD	5,4 NPD	
Light transmission/reflection: $\tau_v / \rho_v / \rho'_v$	84 / 8 / 8	83 / 7 / 7	85 / 8	
Solar energy transmission/reflection: $\tau_e / \rho_e / \rho'_e$	60 / 6 / 6	54 / 6 / 6	58 / 6	

## Table of declared performances

Essential characteristics	Promat® - SYSTEMGLAS 45, Type 1	Promat® - SYSTEMGLAS 45, Type 2	Promat® - SYSTEMGLAS 60, Type 1	Promat® - SYSTEMGLAS 60, Type 2	Harmonised technical specification
Resistance to fire	EI45	EI45	EI60	EI60	EN 14449
Reaction to fire	A2-s1,d0	B-s1,d0	A2-s1,d0	B-s1,d0	
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	2B2	1B1	1B1	1B1	
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	
Direct airborne sound reduction: $R_w$ (C, Ctr)	37 (-1; -3)	38 (0; -3)	40 (-1; -3)	43 (-1; -4)	
Thermal properties: -- U-value -- Normal emissivity $\epsilon_n$	5,4 NPD	5,2 NPD	5,2 NPD	5,0 NPD	
Light transmission/reflection: $\tau_v / \rho_v / \rho'_v$	84 / 8 / 8	84 / 8 / 8	81 / 7 / 7	80 / 7 / 7	
Solar energy transmission/reflection:: $\tau_e / \rho_e / \rho'_e$	61 / 6 / 6	56 / 6 / 6	53 / 6 / 6	48 / 6 / 6	

## Table of declared performances

Essential characteristics	Promat® - SYSTEMGLAS 90	Promat® - SYSTEMGLAS 90, Type 1	Promat® - SYSTEMGLAS 90, Type 2	Promat® - SYSTEMGLAS 90/37, Type 1	Promat® - SYSTEMGLAS 90/37, Type 2	Harmonised technical specification
Resistance to fire	EI90	EI90	EI90	EI60	EI60	EN 14449
Reaction to fire	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	
External fire performances	NPD	NPD	NPD	NPD	NPD	
Bullet resistance	NPD	NPD	NPD	NPD	NPD	
Explosion resistance	NPD	NPD	NPD	NPD	NPD	
Burglar resistance	NPD	NPD	NPD	NPD	NPD	
Pendulum body impact resistance	NPD	1B1	1B1	1B1	1B1	
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	NPD	
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	NPD	
Direct airborne sound reduction: $R_w$ (C, Ctr)	NPD	41 (-1; -4)	42 (-1; -4)	NPD	NPD	
Thermal properties: -- U-value -- Normal emissivity $\epsilon_n$	NPD NPD	4,9 NPD	4,8 NPD	4,7 NPD	4,6 NPD	
Light transmission/reflection: $\tau_v / \rho_v / \rho'_v$	NPD	79 / 7 / 7	77 / 7 / 7	76 / 7	74 / 7	
Solar energy transmission/reflection:: $\tau_e / \rho_e / \rho'_e$	NPD	49 / 6 / 6	46 / 6 / 6	42 / 5	40 / 5	

## Table of declared performances

Essential characteristics	Promat® - SYSTEMGLAS 90/43, Type 1	Promat® - SYSTEMGLAS 90/43, Type 2	Promat® - SYSTEMGLAS 120, Type 1	Promat® - SYSTEMGLAS 120, Type 2	Harmonised technical specification
Resistance to fire	EI60	EI60	EI120	EI120	EN 14449
Reaction to fire	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	
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	1B1	1B1	1B1	1B1	
Resistance against sudden temperature change and temperature differentials	NPD	NPD	NPD	NPD	
Wind, snow, permanent and imposed load resistance	NPD	NPD	NPD	NPD	
Direct airborne sound reduction: $R_w$ (C, Ctr)	NPD	NPD	45 (-1; -4)	46 (-2; -5)	
Thermal properties: -- U-value -- Normal emissivity $\epsilon_n$	4,6 NPD	4,5 NPD	4,5 NPD	4,3 NPD	
Light transmission/reflection: $\tau_v / \rho_v / \rho'_v$	74 / 7	73 / 7	72 / 7 / 7	71 / 7 / 7	
Solar energy transmission/reflection:: $\tau_e / \rho_e / \rho'_e$	40 / 5	38 / 5	40 / 5 / 5	38 / 5 / 5	

This declaration of conformity also applies to further glass types which are derived from the above mentioned types 1, 2 and 5 by applying more layers of glass and PVB-foils on one or both sides, e.g. types 10, 20 and variants P... and BR...