

DECLARATION OF PERFORMANCE	
	Date of issue: 21/02/2022 Replaces: No 1121-CPR-CA0007-CPR-2013/1 of: 01/07/2013
	No. 2812-CPR-CA0007-2021/1
1	Unique identification code of the product-type: Promat®-SYSTEMGLAS
2	Intended uses: Fire resisting glass.
3	Name and contact address of the manufacturer: Etex Building Performance NV Bormstraat 24 B-2830 Tiselt, Belgium Plant: N/003 & Y/006 www.promat.com
4	Authorised representative: not applicable.
5	System or systems of Assessment and Verification of Constancy of Performance (AVCP): see table in attachment.
6a	The construction product is covered by a harmonised standard: EN 14449. Notified product certification body: No. 2812 Certificate of Constancy of Performance: 2812-CPR-CA0007
6b	The construction product is not covered by a European Technical Assessment.
7	Declared performance see table in attachment

The performance of the product identified in point 1 is in conformity with the declared performance in point 7.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

The reader of this document is invited to visit the website "www.promat.com " to review the latest version of this DoP.

The Safety Data Sheet (SDS) of Promat®-SYSTEMGLAS is available on request.

Signed for and on behalf of the manufacturer by:

Name: Julien Soulhat
Function: Global Approval Manager, Etex Building Performance International s.a.s.

Avignon, 21st of February 2022

Signature



Table of declared performances

Characteristics	AVCP System	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 ϵ_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

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 ϵ_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	

NPD: No Performance Determined

Table of declared performances

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 ϵ_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	

NPD: No Performance Determined

Table of declared performances

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	NPD	4,9	4,8	4,7	4,6	
- Normal emissivity ϵ_n	NPD	NPD	NPD	NPD	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	

NPD: No Performance Determined

Table of declared performances

Characteristics	Promat- SYSTEMGLAS 90/30 Type 1	Promat - SYSTEMGLAS 90/30 Type 2	Promat - SYSTEMGLAS 90/30, Type 5	Promat - SYSTEMGLAS 90/30, Type 10	Harmonised technical specification
Resistance to fire	EI90	EI90	EI90	EI90	EN 14449
Reaction to fire	A2-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)	42 (-1; -4)	43 (-1; -4)	NPD	44 (-1; -4)	
Thermal properties: - U-value - Normal emissivity ϵ_n	5,0 NPD	4,8 NPD	NPD NPD	4,8 NPD	
Light transmission/reflection: $\tau_v / \rho_v / \rho'_v$	81 / 7 / 7	80 / 7 / 7	NPD	79 / 7 / 7	
Solar energy transmission/reflection: $\tau_e / \rho_e / \rho'_e$	56 / 6 / 6	52 / 6 / 6	NPD	50 / 6 / 6	

NPD: No Performance Determined

The performance declared for SYSTEMGLAS 90/30 type 1, type 2, type 5, type 10

Table of declared performances

Characteristics	Promat- SYSTEMGLAS 90/35, Type 1	Promat - SYSTEMGLAS 90/35, Type 2	Promat - SYSTEMGLAS 90/35, Type 5	Promat - SYSTEMGLAS 90/35, Type 10	Harmonised technical specification
Resistance to fire	EI90	EI90	EI90	EI90	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)	41 (-1; -4)	42 (-1; -4)	NPD	NPD	
Thermal properties: - U-value - Normal emissivity ϵ_n	4,9 NPD	4,7 NPD	NPD NPD	NPD NPD	
Light transmission/reflection: $\tau_v / \rho_v / \rho'_v$	79 / 7 / 7	77 / 7 / 7	NPD	NPD	
Solar energy transmission/reflection: $\tau_e / \rho_e / \rho'_e$	49 / 6 / 6	46 / 6 / 6	NPD	NPD	

Table of declared performances

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 ϵ_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 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...