

Appendix A

Certificate No: 2358-CPR-0218

Issue No: 1 Date: 09.11.2018

Product Description			
Product name		Aluprof MB-78EI	
Product definition	Class	Fire resistant external single leaf hinged door sets and openable windows	Fire resistant external double leaf hinged door sets and openable windows
Fire resistant side	E60 EI₂60 EW60 S₂₀₀, S_a	Both	
Leaf - max width x height, mm ** <i>Maximum height of door set with top light</i>	E60 EI₂60 EW60	1350 x 3006 (4000**) or 1400 x 2500 (4000**)	2200 x 3006 (4000**) or 2500 x 2500 (4000**)
	S₂₀₀, S_a	1350 x 3006 (4000**) or 1400 x 2500 (4000**)	2252 x 2248
Leaf - min width x height, mm	E60 EI₂60 EW60 S₂₀₀, S_a	500 x 600	
Frame thickness, mm		78	
Leaf thickness, mm		78	
Frame and leaf material		Aluminum	
Glass pane - max width x height, mm	E15 EI₂15 S₂₀₀, S_a	1260 x 2360	
Non-transparent panel - max width x height, mm		1200 x 2360	
Glass pane - max width x height, mm * <i>The specific dimensions depends of the glass brand/model</i>	E30 EI₂30 EW30 S₂₀₀, S_a	1075-1260 x 2300-2866 *	
Non-transparent panel - max width x height, mm		1200 x 2360	
Glass pane - max width x height, mm * <i>The specific dimensions depends of the glass brand/model</i>	E60 EI₂60 EW60 S₂₀₀, S_a	1210-1260 x 2360 *	
Non-transparent panel - max width x height, mm		1200 x 2360	
Glazing beads		Aluminum profile	
Hinges per leaf		≥ 2 for door sets/windows maximum height of 2600 mm and ≥ 3 for higher door sets/windows	
Installation foam/wool		Fire resistant PU foam or mineral wool	
Supporting construction	Rigid or flexible		

Essential characteristics of door set and openable window Aluprof MB-78EI			
Classification characteristic	Class	Reference to classification and test evidence	
Resistance to fire	Integrity – E	E15; E20; E30; E45; E60	Test reports: 271 43913; LBO-756/15; LP-03555.1/09; 10-000646-PB01-F12-01-de-01; LPP01-01036/12/R81NP; LP-03555.3/09; Fires-FR-049-11-AUNE; EFR-15-V-000849B; LP-03555.5/09; LP01-01036/14/R166NP; EFR-14-V-003553B; LP-03555.7/09; LP03-01036/14/R166NP; EFR-14-V-003555B; LP-03555.17/09; LP-03555.9/09; EFR-14-V-003554B; LP-03555.18/09; LP-0355.10/09; EFR-14-V-003552B; LP-03555.19/09; LP-03555.11/09; EFR-14-V-003556B; LPP00-01036/12/R59NP; LP-03555.12/09; LP09-01036/15/R221NP; LPP04-01036/12/R81NP; LP-03555.13/09; 15-000882-PR01, 15-000882- LPP03-01036/12/R81NP; LP-03555.14/09; PR02 (PB-C04-01-en-02); LBO-514-14; LP-03555.15/09; LBO-842/16; LBO-553-14; LPP00-01036/11/R54NP; LZP02-01036/16/R279NZP; RS-13/B-064; LBO-374/12; EFR-15-V-000202B; LP01-01036/15/R221NP; LBO-459-13; EFR-14-V-003557B; FIRES-FR-022-16-AUNE; LBO-460-13; FIRES-FR-103-11-AUNE; EFR-16-V-000509B; LP05-01036/15/R221NP; FIRES-FR-221-07-AUNE; LBO-827/16; LPP01-01036/13/R130NP; LPP03-01036/13/R130NP; LBO-851/16 IRES-MP-065-10-AUNE; LP02-01036/14/R166NP; LPP01-01036/13/R120NP; LP05-01036/14/R166NP;
	Integrity and thermal insulation – EI ₁	NPD	
	Integrity and thermal insulation – EI ₂	EI₂15; EI₂20; EI₂30; EI₂45; EI₂60	
	Integrity and radiation - EW	EW20; EW30; EW60	Classification reports: 1036/16/R267NZE Extended application reports: NA
Smoke leakage	Smoke leakage at ambient temperature - S _a	S_a	Test reports: LP-792/03 Classification reports: 1036/16/R267NZE Extended application reports: NA
	Smoke leakage at ambient and 200 C° temperature - S ₂₀₀	S₂₀₀	
Self-closing	C	NPD	Test reports: NA Classification reports: NA

Remarks:

The product description table already takes account of direct and extended field of application and does not always reflect actual tested product description.