

Appendix A

Certificate No: TT-PRS-0163
Issue No: 2 Date: 08.07.2020

Product Description			
Product name		Aluprof MB-78EI	
Product definition	Class	Fire resistant internal single leaf hinged door sets and openable windows	Fire resistant internal double leaf hinged door sets and openable windows
Fire resistant side	E90 EI₂90 EW90 S₂₀₀, S_a	Both	
Frame - max width x height, mm ** Maximum height of door set with top light	E90 EI₂90 EW90	1400 x 2500 (3500)**	2500 x 2500 (3500)**
Frame - min width x height, mm		392 x 392	
Leaf - max are, m² *are of one door leaf (active or inactive)		3.5	
Frame - max width x height, mm ** Maximum height of door set with top light	E60 EI₂60 EW60	1350 x 3006 (4000**) or 1400 x 2500 (4000**)	2200 x 3006 (4000**) or 2500 x 2500 (4000**)
Leaf - max are, m² *are of one door leaf (active or inactive)		4.06	3.50
Frame - max width x height, mm ** Maximum height of door set with top light		S₂₀₀, S_a	1350 x 3006 (4000**) or 1400 x 2500 (4000**)
Frame - min width x height, mm		500 x 600	
Frame thickness, mm	E90 EI₂90 EW90 S₂₀₀, S_a	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	
Top panel and Side panel - max width x height		2800 x 2380	
Glass pane - max width x height, mm * The specific dimensions depends of the glass brand/model	E30 EI₂30 EW30 S₂₀₀, S_a	1075-2678 x 2832-2866 *	
Glass pane - max are, m² * The specific dimensions depends of the glass brand/model		3.45-3.60*	

Non-transparent panel - max width x height, mm		1100-1260 x 2250-2360	
Top panel and Side panel - max width x height, mm		2800 x 2380	
Glass pane - max width x height, mm * <i>The specific dimensions depends of the glass brand/model</i>		870-1358 x 2358-2360 *	
Glass pane - max are, m² * <i>The specific dimensions depends of the glass brand/model</i>	E60 EI₂60 EW60 S₂₀₀, S_a	2.05-3.47*	
Non-transparent panel - max width x height, mm		1200-1358 x 2358-2360*	
Glazing beads		Aluminum profile	
Hinges per leaf		≥ 2 for door sets/windows maximum height of 2600 mm and ≥ 4 for higher door sets/windows	
Installation foam/wool		Fire resistant PU foam or mineral wool	
Supporting construction		Rigid or flexible	
Top panel and Side panel- max width x height, mm			1800 x 2350
Glass pane - max width x height, mm * <i>The specific dimensions depends of the glass brand/model</i>			1260-1262 x 2360 *
Glass pane - max are, m² * <i>The specific dimensions depends of the glass brand/model</i>		E90 EI₂90 EW90	2.97-2.98*
Non-transparent panel - max width x height, mm	1100-1260 x 2250-2360*		
Glazing beads	Aluminum profile		
Hinges per leaf	≥ 2 for door sets/windows		
Installation foam/wool	Mineral wool		
Supporting construction	Rigid		

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; LP09-01036/15/R221NP; FIRES-FR-022-16-AUNE; 10-000646-PB01-F12-01-de-01; 15-000882-PR01 EFR-16-V-000509B; Fires-FR-049-11-AUNE; (PB-C04-01-en-02); LBO-827/16; LP01-01036/14/R166NP; 15-000882-PR02 LBO-851/16 LP03-01036/14/R166NP; (PB-C04-01-en-02); LPP01-01036/12/R130NP; LP-03555.9/09; LBO-842/16; LP09-1036/15/R221NP; LP-03555.10/09; LZO2-01036/16/R279N2P; LBO-1087/17; LP-03555.11/09; EFR-15-V-000202B; LBO-1216/18; LP-03555.12/09; EFR-14-V-003557B; LBO-1284/19; LP-03555.13/09; FIRES-FR-103-11-AUNE; LBO-1285/19; LP-03555.14/09; FIRES-FR-221-07-AUNE; LBO-1217/18; LP-03555.15/09; LPP03-01036/13/R130NP; LBO-1151/18; LPP00-01036/11/R54NP; LP02-01036/14/R166NP; LZO6-01036/17/R352N2P; LBO-374/12; LP05-01036/14/R166NP; LBO-1189/18; LBO-459-13; LP-03555.1/09; LPP03-01036/12/R130NP/e; LBO-460-13; LP-03555.3/09; LBO-827/16; LP05-01036/15/R221NP; LP-03555.5/09; LBO-1099/17; LPP01-01036/13/R130NP; LP-03555.7/09; LBO-1137/18; IRES-MP-065-10-AUNE; LP-03555.17/09; LZO8-1036/17/R352N2P; LPP01-01036/13/R120NP; LP-03555.18/09; LP-03555.1/19; LBO-756/15; LP-03555.19/09; LZO1-1036/19/R426N2P; LPP01-01036/12/R81NP; LPP00-01036/12/R59NP; LBO-1123/18; EFR-15-V-000849B; LPP04-01036/12/R81NP; 271 43105e; EFR-14-V-003553B; LPP03-01036/12/R81NP; 271 43598; EFR-14-V-003555B; LBO-514-14; FIRES-FR-029-10-AUNE; EFR-14-V-003554B; LBO-553-14; I-4123/17-1; EFR-14-V-003552B; RS-13/B-064; I-4145/17-1; EFR-14-V-003556B; LP01-01036/15/R221NP;	
	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/R267N2P/e 1036.1/19/R436N2P/ENG Extended application reports: 1036/19/R436N2P
Smoke leakage	Smoke leakage at ambient temperature - S _a	Test reports: LP-792/03	
	Smoke leakage at ambient and 200 C° temperature - S ₂₀₀	Classification reports: 1036/16/R267N2P/e Extended application reports: NA	
Self-closing	C	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.