

Appendix A

Certificate No: TT-PRS-0163

Issue No: 1 Date: 09.11.2018

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	E60 EI ₂ 60 EW60 S ₂₀₀ , S _a	Both	
Leaf- max width x height, mm ** <i>Maximum height of door set with top light</i>	E60 EI ₂ 60 EW60	1350 x 3006 (4000**) or 1400 x 2500 (4000**)	2200 x 3006 (4000**) or 2500 x 2500 (4000**)
	S ₂₀₀ , S _a	1350 x 3006 (4000**) or 1400 x 2500 (4000**)	2252 x 2248
Leaf - min width x height, mm	E60	500 x 600	
Frame thickness, mm	EI ₂ 60	78	
Leaf thickness, mm	EW60	78	
Frame and leaf material	S ₂₀₀ , S _a	Aluminum	
Glass pane - max width x height, mm	E15	1260 x 2360	
Non-transparent panel - max width x height, mm	EI ₂ 15 S ₂₀₀ , S _a	1200 x 2360	
Glass pane - max width x height, mm <i>* The specific dimensions depends of the glass brand/model</i>	E30	1075-1260 x 2300-2866 *	
Non-transparent panel - max width x height, mm	EI ₂ 30 EW30 S ₂₀₀ , S _a	1200 x 2360	
Glass pane - max width x height, mm <i>* The specific dimensions depends of the glass brand/model</i>		1210-1260 x 2360 *	
Non-transparent panel - max width x height, mm	E60 EI ₂ 60	1200 x 2360	
Glazing beads	EW60	Aluminum profile	
Hinges per leaf	S ₂₀₀ , S _a	≥ 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	<p>Test reports:</p> <p>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/R279NZN; 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;</p>
	Integrity and thermal insulation – EI ₁	NPD
	Integrity and thermal insulation – EI ₂	EI ₂ 15; EI ₂ 20; EI ₂ 30; EI ₂ 45; EI ₂ 60
	Integrity and radiation - EW	EW20; EW30; EW60
Smoke leakage	Smoke leakage at ambient temperature - S _a	<p>Classification reports:</p> <p>1036/16/R267NZN/e</p> <p>Extended application reports:</p> <p>NA</p>
	Smoke leakage at ambient and 200 C° temperature - S ₂₀₀	<p>Test reports:</p> <p>LP-792/03</p>
Self-closing	C	<p>Test reports:</p> <p>NA</p> <p>Classification reports:</p> <p>NA</p>

Remarks:

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