Appendix A

Certificate No: TT-PRS-0162

Issue No: 1 Date: 09.11.2018

Product Description		
Product name		**Aluprof MB-78EI**
Product definition	**Class**	Fire resistant walls and fixed windows
Fire resistant side	**E60 EI60 EW60**	Both
Frame - max width x height, mm	**E30 EI30 EW30**	Unlimited x 4800
	E60 EI60 EW60	Unlimited x 5160
Frame - min width x height, mm		Unlimited
Frame thickness, mm		78
Frame material		Aluminum
Glass pane (vertical orientation) - max width x height, mm * *The specific dimensions depends of the glass brand/model*	**E15 EI15**	1260-1500 x 2360-3000 *
Glass pane (horizontal orientation) - max width x height, mm * *The specific dimensions depends of the glass brand/model*		1260-2500 x 1465-2360 *
Non-transparent panel - max width x height, mm		1200 x 2500
Glass pane (vertical orientation) - max width x height, mm	**EW30**	1500 x 3000
Glass pane (horizontal orientation) - max width x height, mm		2500 x 1500
Glass pane (vertical orientation) - max width x height, mm * *The specific dimensions depends of the glass brand/model*	**E30 EI30 EW30**	1075-2200 x 2300-4200 *
Glass pane (horizontal orientation) - max width x height, mm * *The specific dimensions depends of the glass brand/model*		1260-3000 x 1320-4200 *
Non-transparent panel - max width x height, mm		1200 x 2500
Glass pane (vertical orientation) - max width x height, mm * *The specific dimensions depends of the glass brand/model*	**E60 EI60 EW60**	1260-1500 x 2360-3000 *

Glass pane (horizontal orientation) - max width x height, mm * *The specific dimensions depends of the glass brand/model*		1260-2860 x 1400-2800 *
Non-transparent panel - max width x height, mm * *The specific dimensions depends of the glass brand/model*		1200-1500 x 2500 *
Glazing beads		Aluminum profile
Installation foam/wool		Fire resistant PU foam or mineral wool
Supporting construction		Rigid or flexible

Essential characteristics of wall and fixed window Aluprof MB-78EI			
Classification characteristic		**Class**	**Reference to classification and test evidence**
Resistance to fire	Integrity – E	**E15; E30; E60**	Test reports: 271 43913; 10-000646-PB01-F12-01-de-01; Fires-FR-049-11-AUNE; LP01-01036/14/R166NP; LP03-01036/14/R166NP; LP-03555.9/09; LP-0355.10/09; LP-03555.11/09; LP-03555.12/09; LP-03555.13/09; LP-03555.14/09; LP-03555.15/09; LPP00-01036/11/R54NP; LBO-374/12; LBO-459-13; LBO-460-13; LP05-01036/15/R221NP; LPP01-01036/13/R130NP; IRES-MP-065-10-AUNE; LPP01-01036/13/R120NP; LBO-756/15; LPP01-01036/12/R81NP; EFR-15-V-000849B; EFR-14-V-003553B; EFR-14-V-003555B; EFR-14-V-003554B; EFR-14-V-003552B; EFR-14-V-003556B; LP09-01036/15/R221NP; 15-000882-PR01, 15-000882-PR02 (PB-C04-01-en-02); LBO-842/16; LZP02-01036/16/R279NZP; EFR-15-V-000202B; EFR-14-V-003557B; FIRES-FR-103-11-AUNE; FIRES-FR-221-07-AUNE; LPP03-01036/13/R130NP; LP02-01036/14/R166NP; LP05-01036/14/R166NP; LP-03555.1/09; LP-03555.3/09; LP-03555.5/09; LP-03555.7/09; LP-03555.17/09; LP-03555.18/09; LP-03555.19/09; LPP00-01036/12/R59NP; LPP04-01036/12/R81NP; LPP03-01036/12/R81NP; LBO-514-14; LBO-553-14; RS-13/B-064; LP01-01036/15/R221NP; FIRES-FR-022-16-AUNE; EFR-16-V-000509B; LBO-827/16; LBO-851/16 Classification reports: 1036/16/R267NZP/e Extended application reports: NA
	Integrity and thermal insulation - EI	**EI15; EI30; EI60**	
	Integrity and radiation - EW	**EW20; EW30; EW60**	

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