

Appendix C

Certificate No: 2358-CPR-0218

Issue No: 1 Date: 09.11.2018

Product Description			
Product name		Aluprof MB-78EI EI90	
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	E90 EI ₂ 90 S ₂₀₀ , S _a	Both	
Leaf - max width x height, mm		1400 x 2500	2500 x 2500
Leaf - min width x height, mm		500 x 600	1000 x 600
Frame thickness, mm		78	
Leaf thickness, mm		78	
Frame and leaf material		Aluminum	
Glass pane - max width x height, mm * <i>The specific dimensions depends of the glass brand/model; Can be used when max area is not exceeded</i>		360-1265 x 460-2360 *	
Glass pane - max area, m ² * <i>The specific dimensions depends of the glass brand/model</i>		0,17-2,97 *	
Glazing beads		Aluminum profile	
Hinges per leaf		≥ 3 for door sets and ≥ 2 for windows	
Installation foam/wool		Mineral wool	
Supporting construction		Rigid or flexible	

Essential characteristics of door set and openable window Aluprof MB-78EI EI90		
Classification characteristic	Class	Reference to classification and test evidence
Resistance to fire	Integrity – E	E15; E20; E30; E45; E60; E90 Test reports: 271 43105; 271 43598; 271 43599; 271 43725; FIRES-FR-029-10-AUNE;
	Integrity and thermal insulation – EI ₁	NPD LBO-446/13; M1-T234N-01788-2012; LBO-853/16E; I-4123/17-1
	Integrity and thermal insulation – EI ₂	EI₂15; EI₂20; EI₂30; EI₂45; EI₂60; EI₂90 Classification reports: 01036/12/R75NP; 01036/18/R371NZN/ENG
	Integrity and radiation - EW	NPD Extended application reports: NA
Smoke leakage	Smoke leakage at ambient temperature - S _a	S _a Test reports: NA Classification reports: 01036/18/R371NZN/ENG
	Smoke leakage at ambient and 200 C° temperature - S ₂₀₀	S ₂₀₀ Extended application reports: NA
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.