

# Appendix A

Certificate No: TT-PRS-093  
Issue No: 2 Date: 18.10.2016

Product Description			
Product name		SMU101-EI30	SMU201-EI30
Product description	Class	Fire resistant and/or smoke control single leaf insulated flush metal door set with and without glass panel, inwards and outwards opening	Fire resistant and/or smoke control double leaf insulated flush metal door set with and without glass panel, inwards and outwards opening
Frame (tested frame) - max size width x height mm	E60	1231 x 2518 (1180 x 2190)	2274 x 2576 (2180 x 2240)
Frame (tested frame) - max size width x height mm	EW60	1180 x 2240 (1180 x 2190)	2180 x 2240
Frame (tested frame) - max size width x height mm	EI <sub>2</sub> 30	1180 x 2240 (1180 x 2190)	2180 x 2240
Frame (tested frame) - max size width x height mm	S <sub>a</sub>	1847 x 3448 (1180 x 2200)	3282 x 3468 (2080 x 2190)
Frame - max size width x height mm	S <sub>200</sub>	1180 x 2200	2080 x 2190
Door frame material	all*	Mild or stainless steel	
Door leaf material	EI <sub>2</sub> 30, EW60	Mild or stainless steel	
	S <sub>a</sub> , S <sub>200</sub>	Mild steel	
Finish or cover material	all*	Paint, PVC cover, 1,5 mm thick laminate or timber veneer on surface and paint or PVC on the sides.	
Supporting construction	all*	Rigid or flexible	
Rectangular fire and smoke window - max size width x height mm	all*	400 x 1700	
Smoke window - max width x height mm	S <sub>a</sub> , S <sub>200</sub>	500 X 1800	
Round fire and smoke window - max size diameter mm	all*	420	
Rectangular fire and smoke window glass	all*	Pyrobel 16-EI30, Contraflam EI30, Fireswiss Foam EI30	
Smoke window glass	S <sub>a</sub> , S <sub>200</sub>	8 mm hardened glass (Andres Klaasi AS)	
Round fire and smoke window glass	all*	Pyrobel 25-EI60, Contraflam EI60, Fireswiss Foam EI60	

\* - can be used with all allowed classes what are specified in Certificate TT-PRS-093 Appendix A in table of Essential characteristics of door set SMU101-EI30 and SMU201-EI30



Essential characteristics of door set SMU101-EI30 and SMU201-EI30		
Classification characteristic	Performance	Reference to classification and test evidence
<b>Resistance to fire</b>	Integrity – E	<b>E15; E20; E30; E45; E60</b>
	Insulation – I <sub>1</sub> (180°C max + additional thermocouples)	<b>NPD</b>
	Insulation – I <sub>2</sub> (360°C max on frame)	<b>I<sub>2</sub>15; I<sub>2</sub>20; I<sub>2</sub>30</b>
	Radiant heat flux - W	<b>W20; W30; W60</b>
<b>Smoke leakage</b>	Smoke at ambient temperature – S <sub>a</sub> ; Smoke at 200°C – S <sub>200</sub>	<b>S<sub>a</sub>; S<sub>200</sub></b>

**Remarks:**

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

