

Appendix C

Certificate No: TT-PRS-093

Issue No: 4 Date: 30.11.2020

Product Description			
Product name		SMU110-EI120	SMU210-EI120
Product definition	Resistance to fire and smoke leakage class	Fire resistant single leaf insulated flush metal door set, inwards and outwards opening	Fire resistant double leaf insulated flush metal door set, inwards and outwards opening
Frame - max width x height, mm <i>** can be used when frame max area is not exceeded</i>	EW60, EI ₂ 120	1350x2737 **	2392x2518 **
Frame - max area, m2		3,07	5,47
Frame - max width x height, mm <i>** can be used when frame max area is not exceeded</i>	E240, EW60, EI ₂ 120	1350*2487 **	-
Frame - max area, m2		2,79	-
Frame - max width x height, mm <i>** can be used when frame max area is not exceeded</i>	S _a	1648 x 3280 **	3328 x 3344 **
Frame - max area, m2		3,80	7,82
Frame - max width x height, mm <i>** can be used when frame max area is not exceeded</i>	S ₂₀₀	1184 x 2357 **	2392 x 2403 **
Frame - max area, m2		2,53	4,35
Frame material	all*	Mild or stainless steel	
Leaf material	all*	Mild or stainless steel	
Frame, leaf and sill finish or cover material	all*	Paint or PVC cover or 1,5 mm laminate or timber veneer on surface	
Glazing	EI ₂ 120	Polflam EI120 600x2160mm	
Supporting construction	all*	Rigid	
	S _a , S ₂₀₀	Rigid or flexible	

* - can be used with all allowed resistance to fire and smoke leakage classes what are specified in certificate TT-PRS-093 "Appendix C" in table of "Essential characteristics of door set "SMU110-EI120 and SMU210-EI120"

Essential characteristics of door set SMU110-EI120 and SMU210-EI120			
Classification characteristic		Performance	Reference to classification and test evidence
Resistance to fire	Integrity – E	E15; E20; E30; E45; E60; E90; E120; E180; E240	Test reports: GTC 59-16.2015.4; GTC 59-7.2016.4; GTC 59-8.2015.4; TÜVE 640-17TMAU; GTC 59-10.2016.4; TÜVE 836-19TMAU
	Thermal insulation – I ₁	I115; I120; I130	Classification reports: GTC 59-4.2016.1; BMTE CR-11.2016-3; GTC 59-44.2015.1; TÜVE TEK-212/17en; BMTE CR-11.2016-1; BMTE CR-08.2018-1; BMTE CR-11.2016-2; BMTE CR-08.2018-2
	Thermal insulation – I ₂	I215; I220; I230; I245; I260; I290; I2120	Extended application reports: BMTE EAR-11.2016-1; BMTE EAR-08.2018-1 KIWA 04-406-18-04;
	Radiation - W	W20; W30; W60	
Smoke leakage	Smoke leakage at ambient temperature - S _a	S_a	Test reports: GTC 59-2.2017.16; GTC 59-11.2019.16 GTC 59-3.2017.16;
	Smoke leakage at ambient and 200 C° temperature - S ₂₀₀	S₂₀₀	Classification reports: GTC 59-5.2017.1; BMTE CR-08.2018-3 GTC 59-6.2017.1; Extended application reports: BMTE EAR-08.2018-2; KIWA 04-406-18-04
Self-closing	C	C5	Test reports: GTC 59-3.2017.15; GTC 59-4.2017.15 Classification reports: GTC 59-5.2017.1; GTC 59-6.2017.1 Extended application reports: KIWA 04-406-18-04

Remarks:

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