

Appendix A

Certificate No: TT-PRS-093

Issue No: 6 Date: 30.11.2020

Product name	Product Description		
	Resistance to fire and smoke leakage class	SMU101-EI30	SMU201-EI30
Product definition		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 - max width x height, mm <i>** can be used when frame max area is not exceeded</i>	E60	1357** x 2518**	2507** x 2576**
Frame - max area, m ²		3,10	5,86
Frame - max width x height, mm	EW60	1180 x 2240 (1180 x 2190)	2180 x 2240
Frame - max width x height, mm <i>** can be used when frame max area is not exceeded</i>	EI ₂ 30	1357** x 2518**	2180 x 2240
Frame - max width x height, mm <i>** can be used when frame max area is not exceeded</i>	S _a	1847** x 3448**	3282** x 3468**
Frame - max area, m ²		4,67	8,20
Frame - max width x height, mm	S ₂₀₀	1180 x 2200	2080 x 2190
Frame material	all*	Mild or stainless steel	
Leaf material	EI ₂ 30, EW60	Mild or stainless steel	
	S _a , S ₂₀₀	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 glass - max width x height, mm	all*	400 x 1700	
Smoke glass - max width x height, mm	S _a , S ₂₀₀	500 x 1800	
Round fire and smoke glass - max diameter, mm	all*	420	
Rectangular fire and smoke glass	all*	Pyrobel 16-EI30 (AGC Glass), Contraflam EI30 (Saint-Gobain), Fireswiss Foam EI30 (Euroglas)	
Smoke glass	S _a , S ₂₀₀	8mm hardened glass (Andres Klaasi AS)	
Round fire and smoke glass	all*	Pyrobel 25-EI60 (AGC Glass), Contraflam EI60 (Saint-Gobain), Fireswiss Foam EI60 (Euroglas)	

* - can be used with all allowed resistance to fire and smoke leakage classes that are specified in certificate no 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	
Resistance to fire	Integrity – E	E15; E20; E30; E45; E60 Test reports: GTC, 59-2.2012.4; TÜVE, 307-11 TMD; GTC, 59-13.2015.4; TÜVE, TMAD-222/07; GTC, 59-5.2011.4; TÜVE, 302-10TMAD; GTC, 59-6.2011.4; TÜVE, 303-10TMAD; GTC, 59-1.2012.4; TÜVE, T2MAD-233/08; TÜVE, T2MAD-235/08;	GTC, 59-2.2015.4; TÜVE, 697-17TMU; GTC, 59-14.2015.4; GTC, 59-16.2017.4; GTC, 59-14.2014.4; TÜVE, 763-18SMU101_EI30; GTC, 59-4.2015.4; TÜVE, 774-18SMU101_EI30; TÜVE, 302-10TMAD; 7 TÜVE, 73-18SMU101_EI60; TÜVE, 303-10TMAD; TÜVE, 774-18SMU101_EI60; TÜVE, 304-10TMAD; TÜVE, 824-19TMU GTC, 59-7.2013.4;
	Thermal insulation – I ₁	NPD	
	Thermal insulation – I ₂	I₂15; I₂20; I₂30	Classification reports: GTC, 59-3.2012.1; TÜVE, TEK-095/13en; BMTE, CR-04.2018-2 GTC, 59-15.2012.1; GTC, 59-3.2013.1; BMTE, CR-11.2019-1; TÜVE, TEV-17/08; GTC, 59-1.2012.1; BMTE, CR-11.2019-2; GTC, 59-30.2014.1; BMTE, CR-10.2016-1; BMTE, CR-11.2019-3; GTC, 59-33.2015.1; BMTE, CR-10.2016-2; BMTE, CR-11.2019-5 TÜVE, TEK-051/11en; BMTE, CR-10.2016-3; TÜVE, TEK-093/13en; BMTE, CR-04.2018-1;
	Radiation - W	W20; W30; W60	Extended application reports: GTC, 59-3.2012.2; BMTE, EAR-10.2016-1; GTC, 59-2.2012.2; BMTE, EAR-04.2018-1
Smoke leakage	Smoke leakage at ambient temperature - S _a	S_a Test reports: GTC, 59-8.2015.16; SP, 3P00884; GTC, 59-8.2019.16; GTC, 59-9.2015.16; GTC, 59-8.2016.16; GTC, 59-10.2019.16 GTC, 59-1.2014.16; GTC, 59-9.2016.16; SP, 3P06883; GTC, 59-8.2019.16;	
	Smoke leakage at ambient and 200 °C temperature - S ₂₀₀	S₂₀₀ Classification reports: GTC, 59-4.2014.1; GTC, 59-21.2016.1; BMTE, CR-10.2016-5; SP, 3P03653; GTC, 59-22.2016.1; BMTE, CR-11.2019-6 GTC, 59-7.2016.1; BMTE, CR-10.2016-4; Extended application reports: SP, 3P08307-1; BMTE, EAR-10.2016-3	
Self-closing	C	C5 Test reports: GTC, 038 SŠF/11 P Classification reports: GTC, 59-15.2012.1 BMTE, CR-10.2016-1	

Remarks:

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