

Certificate No: 1336-CPR-0159

Name and address of the sponsor: Haapsalu Uksetehase AS, Masti 8, 90401 Uuemõisa, Ridala vald, Läänemaa, ESTONIA

Name and address of the producer: Haapsalu Uksetehase AS, Masti 8, 90401 Uuemõisa, Ridala vald, Läänemaa, ESTONIA

Product: Fire, smoke and sound rated wooden external door EI_{1,30}/Rw40dB Ex

Date: 19.10.2017

1. Essential characteristics and performance

Classification according to EN 13501-2:2016: EI_{1,30} – Sa/S₂₀₀.

Essential characteristics	Performance								
	E15	E20	E30	E45	E60	E90	E120	E180	E240
Resistance to fire	EI _{1,15}	EI _{1,20}	EI _{1,30}	EI _{1,45}	EI _{1,60}	EI _{1,90}	EI _{1,120}	EI _{1,180}	EI _{1,240}
	EI _{2,15}	EI _{2,20}	EI _{2,30}	EI _{2,45}	EI _{2,60}	EI _{2,90}	EI _{2,120}	EI _{2,180}	EI _{2,240}
	-	EW20	EW30	-	EW60	-	-	-	-
Smoke control	S _a					S ₂₀₀			
Self closing	C0	C1	C2	C3	C4	C5			

2. Product specification and field of application

Detail	max W, mm	max H, mm	max A, m ²
Door leaf if smoke control S _a is declared	1480	3264	3,40
Door leaf if smoke control S ₂₀₀ is declared	1064	2346	2,26
Door leaf if fire resistance EI _{1,30} is declared	925	2040	1,89
Thickness of the door leaf	64 mm		
Frame profile	54 / 42 / 30 mm x 105 mm		

Field of application for fire resistance	Field of application for smoke control
The number of leaves and the mode of operation shall not be changed.	
The thickness of the door leaf or leaves shall not be reduced but may be increased.	
The cross-sectional dimensions and/or the density of the timber frames (including rebates) shall not be reduced but may be increased.	
Wooden threshold or automatic drop seal Schall-Ex Duo L-15 is allowed.	

Sealing of the door leaf and frame	
Intumescent sealing (4,0 x 10) mm	On top and on vertical frame members; on bottom edge of doorleaf
Silicone sealing (18 x 10) mm	On top and on vertical frame members; on perimeter of doorleaf

Hardware	
Lock + Striking plate	Abloy 4190 + Abloy 4690; ASSA 565 +ASSA 2865-1
Hinges /3 per leaf /	Pandoor Zn; TE 340 3D FR
Lead cover	EA 281
Door viewer	SWLAF RF 30; E1500371
Alarm contact	EA501

Field of application for fire resistance	Field of application for smoke control
The number of hinges may be increased but shall not be decreased. Upper and lower hinge is positioned 250 mm from the edge of doorleaf.	
Position of lock is 1020 mm from lower edge of doorleaf.	Position of lock is 1020 ± 200 mm from lower edge of doorleaf.

3. General field of application

Field of application for fire resistance	Field of application for smoke control
The door may be produced with grooves (up to 1/1,8 mm x 9/18 mm).	-
The door leaf and the door frame may be painted.	
Decorative laminates and timber veneers up to 1,5 mm thickness may be added to the faces (but not the edges) of leaves and frames in doorsets which satisfy the insulation and/or smoke control criteria.	
Doorset may be mounted in rigid and in flexible supporting construction.	