

**Certificate No:** ET-0321-22

**Name and address of the sponsor:** Haapsalu Uksetehase AS, Masti tn. 8, Uuemõisa alevik, 90401 Haapsalu linn, Lääne maakond, ESTONIA

**Name and address of the producer:** Haapsalu Uksetehase AS, Masti tn. 8, Uuemõisa alevik, 90401 Haapsalu linn, Lääne maakond, ESTONIA

**Product:** Fire, smoke and sound rated wooden door EI<sub>130</sub>

**Date:** 02.05.2022

## 1. Essential characteristics and performance

Classification according to EN 13501-2:2016: EI<sub>130</sub> – Sa/S<sub>200</sub>.

Põhiomadus	Toimivus								
Tulepüsivus	E15	E20	E30	E45	E60	E90	E120	E180	E240
	EI <sub>15</sub>	EI <sub>20</sub>	EI <sub>30</sub>	EI <sub>45</sub>	EI <sub>60</sub>	EI <sub>90</sub>	EI <sub>120</sub>	EI <sub>180</sub>	EI <sub>240</sub>
	EI <sub>215</sub>	EI <sub>220</sub>	EI <sub>230</sub>	EI <sub>245</sub>	EI <sub>260</sub>	EI <sub>290</sub>	EI <sub>2120</sub>	EI <sub>2180</sub>	EI <sub>2240</sub>
	-	EW20	EW30	-	EW60	EW90	EW120	-	-
Suitsupidavus	S <sub>a</sub>					S <sub>200</sub>			
Isolesugumisvõime	C0	C1	C2	C3	C4	C5			

## 2. Product specification and field of application

Detail	max W, mm	max H, mm	max A, m <sup>2</sup>
Door leaf if fire resistance is declared	1065	2346	2,27
Door leaf if smoke control is declared	926	2040	1,89
Thickness of the door leaf	62 mm		
Frame profile	(42/30 x 92) 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 shall not be reduced but may be increased provided the total increase in weight is not greater than 25%.	
Decorative laminates and timber veneers up to 2,0 mm thickness may be added to the faces (but not the edges) of leaf. Decorative laminates and timber veneers up to 0,8 mm may be added to the edges of leaf provided the max allowed size of leaf is not increased. Also edge band with a thickness up to 2 x 0,6 mm may be added to the edges of the doorleaf.	
The door may be produced with grooves (up to 19 mm x 1,8 mm).	-
The door leaf and the door frame may be painted.	
The cross-sectional dimensions and/or the density of the timber frames (including rebates) shall not be reduced but may be increased. If hinges TE 540 3D FR are used, the cross-section of the frame shall be (54 x 92) mm.	

Field of application for fire resistance	Field of application for smoke control
Doorset may be mounted with wooden threshold or with automatic drop seal Schall-Ex Duo L-15.	In case of Sa doorset may be mounted with wooden threshold, with automatic drop seal Schall-Ex Duo L-15 or without threshold.  In case of S <sub>200</sub> doorset may be mounted with wooden threshold or with automatic drop seal Schall-Ex Duo L-15.

Glass panes / non-glass panel	max W, mm	max H, mm	max A, m <sup>2</sup>
Pyrobel 16, thickness 17 mm	710	1830	1,29
Contraflam EI30-16, thickness 16 mm	759	1960	1,35
Pyrostop 30-10, thickness 15 mm	805	2086	1,68

Field of application for fire resistance	Field of application for smoke control
Doorset may be produced with glazing or without glazing.	
The minimum permitted distance between the edge of glazing and the vertical edge of leaf is 130 mm. The minimum permitted distance between the edge of glazing and the horizontal edge of leaf is 130 mm.	

Sealing of the door leaf and frame	
Intumescent sealing (4,0 x 10) mm	1 on top and on vertical frame members; 1 on bottom edge of doorleaf
Silicone sealing (18 x10) mm	on perimeter of doorleaf

Hardware	If fire resistance is declared	If smoke control is declared
Lock + Striking plate	Abloy 4190 + Abloy 4690; Abloy 4290 + Abloy 4690; ASSA 565 +ASSA 2865-1; Ving Card Signature 3G RFID + Abloy 5958; VingCard Essence + ASSA 5994	
Hinges /3 per leaf /	Pandoor Zn; Abloy N3248-110TMKSS; TE 340 3D FR; TE 540 3D FR	
Closer	Dorma TS 93 B EN2-5; Dorma ITS96 EN2-4 + liugkanal G96N20	
Lead cover	EA 281	
Door viewer	SWLAF RF30; E1500371	
Alarm contact	EA 501; DC 106	
Letter plate	PRIMO 31	-
Mechanical doorbell	Abloy 64A L	-
Security door guard	Häfele 911.59.085	-

Field of application for fire resistance	Field of application for smoke control
Position of lock is 1020 ±300 mm from lower edge of doorleaf.	Position of lock is 1020 ±200 mm from lower edge of doorleaf.
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.	



### 3. General field of application

Field of application for fire resistance	Field of application for smoke control
Doorset may be mounted in standard high density rigid, in standard low density rigid, in standard flexible supporting construction and modular partition wall (includes wooden modules and/or glazed modules with wooden frame).	
Installation gap $\leq 30$ mm on top and $\leq 20$ mm on vertical edge shall be sealed as follows: wool + fire rated PU foam + installation mastic.	
Sealing of the installation gap must be covered with soft wood architraves (12 x 35/70) mm.	