

Certificate No: ET-0230-18

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 resistant and soundproof wooden double leaf door EI₁30

Date: 05.11.2018

1. Essential characteristics and performance

Classification according to EN 13501-2:2016: EI₁30 – C0

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
Active leaf	1071	2150	2,30
Passive leaf	1084	2150	2,33
Thickness of the door leaf	62 mm		
Frame profile	42 / 30 mm x 92 mm		
Threshold profile	25 / 15 mm x 92 mm		

Field of application for fire resistance

The mode of operation of leaves shall not be changed.

The thickness of the door leaf or leaves shall not be reduced but may be increased. For doorsets with multiple leaves, each door leaf shall be increased by the same amount.

The cross-sectional dimensions and/or the density of the timber frames (including rebates) shall not be reduced but may be increased.

In addition to wooden threshold, also automatic drop seal Schall-Ex Duo L-15 WS can be fitted.

Sealing of the door leaf and frame

Intumescent sealing (10 x 4,0) mm	2 on top and on vertical frame members; 1 on bottom edge and on meeting edge of doorleaves
Silicone sealing (18 x10) mm	1 on top, bottom and on hinges side on vertical edge of doorleaves, 2 on meeting edge of inactive door leaf



Hardware	
Lock + Striking plate	Abloy 4290 + Abloy 4690; Abloy 4190 + Abloy 4690; ASSA 565 +ASSA 2865-1
Hinges /3 per leaf /	Pandoor Zn; TE 340 3D FR
Automatic flush bolt with slide- and lock-plate	Olda 31 HZ-C
Slide channel door co-ordinator	Dorma G-SR
Closer	Dorma TS 93 B EN 2-5
Lead cover	EA 281
Alarm contact	EA501
Door viewer	SWLAF RF30
Mechanical doorbell	Abloy 64A L

Field of application for fire resistance
Position of lock is 1020 ± 200 mm from lower edge of doorleaf.
The number of hinges may be increased. The number of hinges may be decreased provided the distance between hinges is ≤ 820 mm.
Distance between the centre of the endmost hinges and edge of doorleaf is 100 mm – 250 mm.
If self-closing characteristics are not required, the doorset may be installed without door closing device.

3. General field of application

Field of application for fire resistance
The door leaf and the door frame may be painted.
Decorative laminates and timber veneers up to 2 mm thickness may be added to the faces (but not the edges) of leaves in doorsets which satisfy the insulation criteria.
Decorative laminates and timber veneers up to 0,8 mm thickness may be added to the edges if the maximum allowed dimensions of the doorleaf are not exceeded.
Doorset may be mounted in rigid and in flexible supporting construction.

