

**Certificate No:** ET-0258-19

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**Product:** Single leaf wooden fire resistance door, type F6-50 mm EI30/Rw38dB

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## 1. Essential characteristics and performance

Classification of single leaf door according to 13501-2:2016: EI<sub>130</sub> – Sa/S<sub>200</sub> – C0

Essential characteristics	Performance								
	E15	E20	E30	E45	E60	E90	E120	E180	E240
Resistance to fire	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	-	-	-	-
Smoke control	S <sub>a</sub>					S <sub>200</sub>			
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 <sup>2</sup>
Door leaf if smoke control Sa is declared	1505	3275	3,46
Door leaf if smoke control and/or fire resistance EI30 is declared	1082	2354	2,31
Frame profile	(42/30 x 92) mm		
Threshold profile	(22/14 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 cross-sectional dimensions and/or the density of the timber frames (including rebates) shall not be reduced but may be increased.	
Doorset may be installed with wooden threshold or with mechanical threshold Schall-Ex L-13/30WS or Planet FT.	Doorset may be installed with wooden threshold or with mechanical threshold Schall-Ex L-13/30WS.

Sealing of the door leaf and frame	
Silicone sealing Ø10 mm	On frame and threshold
Intumescent sealing Intumex LSSK (2,5 x 10) mm	On frame and threshold



Hardware	
Lock	ASSA 565 Abloy LC190
Additional lock (optional)	Abloy 4181
Strike plate	ASSA ABLOY LP732, Abloy 4691
Hinges	Abloy NTR110x30TMRKSS-CE Abloy NTR 110x30T
Door closer	Abloy DC335 + DC199
Door viewer	Beslagia 1013001
Door bell <sup>1</sup>	Abloy DF 64A
Letter plate <sup>2</sup>	Abloy Primo 31

Field of application for fire resistance	Field of application for smoke control
The number of hinges may be increased but shall not be decreased.	
If self-closing characteristics are not required the doorset may be installed without door closing device.	
Position of lock is 1000 ± 200 mm from lower edge of doorleaf.	
Additional lock is positioned 400 mm from the main lock.	

### 3. General field of application

Field of application for fire resistance	Field of application for smoke control
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.	
The door leaf and the door frame may be painted.	
Doorset may be mounted in rigid and in flexible supporting construction.	
The installation gap may be sealed with sealing system „stone wool + fire rated foam + acrylic“.	The installation gap may be sealed with sealing system „stone wool + fire rated foam + acrylic“ or fire rated foam.



<sup>1</sup> Not allowed for smoke control doors.

<sup>2</sup> Not allowed for smoke control doors.