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Table 1: Classes of reaction to fire performance for construction products except floorings *

Class	Test method(s)	Classification criteria	Additional classification
A1	EN ISO 1182 (1); and	$\Delta T \leq 30^{\circ}\text{C}$; and $\Delta m \leq 50\%$; and $t_f = 0$ (i.e. no sustained flaming)	
	EN ISO 1716	$PCS \leq 2,0 \text{ MJ} \cdot \text{kg}^{-1}$ (1); and $PCS \leq 2,0 \text{ MJ} \cdot \text{kg}^{-1}$ (2) (2a); and $PCS \leq 1,4 \text{ MJ} \cdot \text{m}^{-2}$ (3); and $PCS \leq 2,0 \text{ MJ} \cdot \text{kg}^{-1}$ (4)	
A2	EN ISO 1182 (1); or	$\Delta T \leq 50^{\circ}\text{C}$; and $\Delta m \leq 50\%$; and $t_f \leq 20\text{s}$	
	EN ISO 1716; and	$PCS \leq 3,0 \text{ MJ} \cdot \text{kg}^{-1}$ (1); and $PCS \leq 4,0 \text{ MJ} \cdot \text{m}^{-2}$ (2); and $PCS \leq 4,0 \text{ MJ} \cdot \text{m}^{-2}$ (3); and $PCS \leq 3,0 \text{ MJ} \cdot \text{kg}^{-1}$ (4)	
	EN 13823 (SBI)	$FIGRA \leq 120 \text{ W} \cdot \text{s}^{-1}$; and $LFS < \text{edge of specimen}$; and $THR_{600\text{s}} \leq 7,5 \text{ MJ}$	Smoke production(5); and Flaming droplets/ particles (6)
B	EN 13823 (SBI); and	$FIGRA \leq 120 \text{ W} \cdot \text{s}^{-1}$; and $LFS < \text{edge of specimen}$; and $THR_{600\text{s}} \leq 7,5 \text{ MJ}$	Smoke production(5); and Flaming droplets/ particles (6)
	EN ISO 11925-2(8): Exposure = 30s	$F_s \leq 150 \text{ mm}$ within 60 s	
C	EN 13823 (SBI); and	$FIGRA \leq 250 \text{ W} \cdot \text{s}^{-1}$; and $LFS < \text{edge of specimen}$; and $THR_{600\text{s}} \leq 15 \text{ MJ}$	Smoke production(5); and Flaming droplets/ particles (6)
	EN ISO 11925-2(8): Exposure = 30s	$F_s \leq 150\text{mm}$ within 60s	
D	EN 13823 (SBI); and	$FIGRA \leq 750 \text{ W} \cdot \text{s}^{-1}$	Smoke production(5); and Flaming droplets/ particles (6)
	EN ISO 11925-2(8): Exposure = 30s	$F_s \leq 150\text{mm}$ within 60s	
E	EN ISO 11925-2(8): Exposure = 15s	$F_s \leq 150\text{mm}$ within 20s	Flaming droplets/ particles (7)
F	No performance determined		