

# Instruction Sheet

## "Fire prevention – European classification of building products" 2016

### European classification of building products

Powerdeck F, Eurothane

Building authority designation	DIN 4102	DIN EN 13501	Additional requirements		Building authority designation	DIN 4102	DIN EN 13501	Additional requirements	
			no smoke	no flaming particles/droplets				no smoke	no flaming particles/droplets
Non-combustible	A1	A1	yes	yes	Difficult to ignite	B1	A2 - s3, d2		
Non-combustible	A2	A2 - s1, d0	yes	yes	Difficult to ignite	B1	B - s3, d2		
Difficult to ignite	B1	B - s1, d0	yes	yes	Difficult to ignite	B1	C - s3, d2		
Difficult to ignite	B1	C - s1, d0	yes	yes	Normal combustibility	B2	D - s1, d0		yes
Difficult to ignite	B1	A2 - s2, d0		yes	Normal combustibility	B2	D - s2, d0		yes
Difficult to ignite	B1	A2 - s3, d0		yes	Normal combustibility	B2	D - s3, d0		yes
Difficult to ignite	B1	B - s2, d0		yes	Normal combustibility	B2	E		yes
Difficult to ignite	B1	B - s3, d0		yes	Normal combustibility	B2	D - s1, d1		
Difficult to ignite	B1	C - s2, d0		yes	Normal combustibility	B2	D - s2, d1		
Difficult to ignite	B1	C - s3, d0		yes	Normal combustibility	B2	D - s3, d1		
Difficult to ignite	B1	A2 - s1, d1	yes		Normal combustibility	B2	D - s1, d2		
Difficult to ignite	B1	A2 - s1, d2	yes		Normal combustibility	B2	D - s2, d2		
Difficult to ignite	B1	B - s1, d1	yes		Normal combustibility	B2	D - s3, d2		
Difficult to ignite	B1	B - s1, d2	yes		Normal combustibility	B2	E - d2		
Difficult to ignite	B1	C - s1, d1	yes		Normal combustibility	B2	F		
Difficult to ignite	B1	C - s1, d2	yes						

The following conditions apply at NürnbergMesse:

- unrestricted approval
- up to 2.50 m for walls/not approved for overhead use
- not approved
- should be avoided (s3)

Key to building product classes: to DIN 4102

- A1 = non-combustible
- A2 = non-combustible
- B1 = difficult to ignite
- B2 = normal combustibility
- B3 = easily ignited

Key to building product classes: to DIN EN 13501

- A1 = non-combustible
- A2 = non-combustible
- B,C = difficult to ignite
- D,E = normal combustibility
- F = easily ignite
- s1 = no/hardly any smoke production
- s2 = limited smoke production
- s3 = unlimited smoke production
- d0 = no droplets
- d1 = limited droplets
- d2 = many droplets