

Authorized material rating table

DIN 4102 or equivalent European standard EN 13501-1:

A = A1, A2 s1 d0 Euroclass: non-combustible

B1 = from A2 s1 d0 to C s3 d2 Euroclass: flame retardant

B2 = from D s1 d0 to D s3 d2 Euroclass: standard flammable

Material classification according to EN 13501-1				
European class			DIN 4102	
A1	-	-	A1	
A2	S1	D0	A2	
A2	S1	D1	B1	
	S2	D0		
	S3	D2		
B	S1	D0		
	S2	D1		
	S3	D2		
C	S1	D0	B1	Minimum classification needed for materials
	S2	D1		
	S3	D2		
D	S1	D0	B2	Not allowed as stand / building /decoration materials
	S2	D1		
	S3	D2		

Upper parts > 2,50 m height must have d0 (no dropping).

Planed wood* >= 18mm is automatically considered as B1 and don't need a certificate.

*only solid wood, not included chipboard or MDF etc.

Ceiling materials also must be certified for use with sprinkler systems.