# Instruction Sheet
# "Fire prevention – European classification of building products"

## European classification of building products

| 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** (yellow)
- **up to 2.50 m for walls/not approved for overhead use** (teal)
- **not approved** (red)
- **should be avoided (s3)** (green)

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