



## Fire behavior of building materials and components DIN 4102-1

To qualify as **Building material B1 (flame resistant material)**, the requirements of “Kleinbrennerprüfung” B2 in compliance with DIN 4102-1 and the fire shaft test B1 in compliance with DIN 4102-16 must be met.

| Specifications | Price | Sample size | Note |
|----------------|-------|-------------|------|
|----------------|-------|-------------|------|

### Orienting tests

|  |          |                    |  |
|--|----------|--------------------|--|
| <b>Building material classification B2</b><br>Flammability test acc. DIN 4102-1<br>“Kleinbrennerprüfung”                                       | 129,00 € | 1,5 m <sup>2</sup> | Flame applied to edge and surface of the sample, sample preparation is included  |
| <b>Building material classification B1 orienting</b><br>“Kleinbrennerprüfung“ B2 acc. DIN 4102-1 and<br>1x fire shaft test B1 acc. DIN 4102-16 | 543,00 € | 6 m <sup>2</sup>   | “Kleinbrennerprüfung“:<br>Flame applied to edge and surface of the sample, 1x fire shaft test B1, sample preparation is included |

### Tests for the classification of B1 “hardly flammable”

|   |          |                                |   |
|---|----------|--------------------------------|---|
| <b>Building material classification B1</b><br>“Kleinbrennerprüfung“ B2 acc. DIN 4102-1 and<br>1x fire shaft test B1 acc. DIN 4102-16                                | 543,00 € | 6 m <sup>2</sup>               | “Kleinbrennerprüfung“:<br>Flame applied to edge and surface of the sample, as for the first fire shaft test B1 in a sequence of tests, sample preparation is included |
| <b>Building material classification B1</b><br>fire shaft test B1 acc. DIN 4102-16   | 350,00 € | 2 m <sup>2</sup>               | For each further fire shaft test in a sequence of tests, depending on the material, tests may vary, sample preparation is included                                    |
| <b>Building material classification B1 independent of the colour</b><br>Pretest “Kleinbrennerprüfung” B2 acc. DIN 4102-1 and<br>fire shaft test B1 acc. DIN 4102-16 | at cost  | 6 m <sup>2</sup><br>per colour | Sequence of test for materials in several colours   |
| Testreport in German  | 45,00 €  |                                |   |
| Testreport in English   | 145,00 € |                                |   |