



Status 01/2017

## 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
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### Orienting tests

<b>Building material classification B2</b> Flammability test acc. DIN 4102-1 “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> “Kleinbrennerprüfung“ B2 acc. DIN 4102-1 and 1x fire shaft test B1 acc. DIN 4102-16	543,00 €	6 m <sup>2</sup>	“Kleinbrennerprüfung“: 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> “Kleinbrennerprüfung“ B2 acc. DIN 4102-1 and 1x fire shaft test B1 acc. DIN 4102-16	543,00 €	6 m <sup>2</sup>	“Kleinbrennerprüfung“: 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> 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> Pretest “Kleinbrennerprüfung” B2 acc. DIN 4102-1 and fire shaft test B1 acc. DIN 4102-16	at cost	6 m <sup>2</sup> per colour	Sequence of test for materials in several colours
Testreport in German	45,00 €		
Testreport in English	145,00 €		