



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

To qualify as **Bulding 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”

Building material classification B1 every additional fire shaft fire shaft test B1 acc. to 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
Building material class B1 - foil materials incl. pre-test B2 acc. to DIN 4102-1, 2x fire shaft test B1 acc. to DIN 4102-16	893,00 €	6 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
Pre-test: flame applied to edge and surface, 4x fire shaft test B1, sample preparation is included	1593,00 €	8 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
incl. Small burner test B2 acc. to DIN 4102-1 1x fire shaft test B1 acc. to DIN 4102-16 with brightest colour 1x fire shaft test B1 acc. to DIN 4102-16 with medium colour 1x fire shaft test B1 acc. to DIN 4102-16 with darkest colour 3x fire shaft test on a colour with the most unfavourable result	2679,00 €	brightest colour 8 m <sup>2</sup> medium colour 8 m <sup>2</sup> darkest colour 8 m <sup>2</sup>	
Building material classification B1 - incl. Small burner test B2 acc. to DIN 4102-1 Xx fire shaft test B1 acc. to DIN 4102-16	Volume of effort		
Building material classification B1 - incl. Small burner test B2 acc. to DIN 4102-1 Xx fire shaft test B1 acc. to DIN 4102-16	Volume of effort		

Testreport in German

45,00 €

Testreport in English

145,00 €