

## Fire Test

In the Service Centre Gotha

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#### Test conditions :

The test conditions are in accordance with **DIN 4102** (German Standard) :

- temperature in the test chamber : according to DIN 4102
- pressure : 10 mbar overpressure at the top rail; up to 20 mbar possible
- tests of up to 120 min possible

#### Sizes :

Test aperture : 1000 x 2000 mm

Size of the door blank :

- in block frame : max. 940 x 1985 mm
- in surrounding frame : max. 940 x 1950 mm

#### Rabbet :

- German Standard DIN left recommended
- blunt / over-rebated
- opening towards/from the furnace

#### Frames :

The installation of wooden surrounding frames is possible.

The results of tests with steel frames only have a limited applicability as the deformations of the steel frame are not absorbed by the oven construction.

#### Installation :

The test specimen is fitted into a steel frame which is then installed in front of the furnace.

Sizes : see drawing

