

Standard: German Building Material Class B2

SAUERLAND BOARD consists of chipped wood and synthetic resin glue.

Standard boards have a 'normal' combustibility according to the German Building Material Class 2 following DIN 4102 (German Industrial Standard), Part 1.

Use for production of fire doors

Tubular or Solid Extruded board can be used as cores in fire doors.

But because the core being only one component besides for example frame, skins, hardware and intumescent, it is necessary to test the complete door set.

According to the type of core - tubular or solid - different grades of fire resistance can be obtained:

Possible results:

- 20 min light tubular boards
- 30 min tubular boards with 18/22 mm tubes
solid boards
multi-layer-cores
- 60 min solid boards in doors > 45 mm

Special : German Building Material Class B1

Using special additives, it is possible to produce extruded tubular and solid boards corresponding to the German Building Material Class 1 according to **DIN 4102, Part 1**.

This board is mostly used as decorative wall or ceiling panelling.

It is less suitable for fire doors.



Test Report B1