



March 2015

KNAUF INSULATION

DRS FIRE BOARD BSI 11460 (DRS FIRE BOARD D19)

Boards for fire-screen doors



DESCRIPTION

KNAUF INSULATION DRS FIRE BOARD BSI 11460 (DRS FB BSI 11460) are high-density rock mineral wool boards (11.4 kg/m²), whose main purpose is to provide fire and thermal protection for constructions in compliance with EN 13501-1. The mineral fibres are bound with a minimum quantity of binder, ensuring board preservation at high temperatures.

On request, the boards may be further processed (ensuring minimum dimensional deviations, surface grinding, dust removal, possibility of cutting out specific shapes).

APPLICATION

The board properties make it convenient for insulating industrial elements that require high temperature tolerances - fire-screen doors which are specified by European standards such as:

- Classes EI30.

TECHNICAL PROPERTIES: KNAUF INSULATION DRS FB BSI 11460

Characteristics	Designation	Value	Unit	Standard
Minimal density	-	190	kg/m ³	-
Reaction to fire	-	Euroclass A1	-	EN 13501
Melting point	-	> 1,000	°C	DIN 4102/T17
Operating temperature	-	≤ 750	°C	-
Water / vapour resistance factor	μ	1,1	-	EN 12086
Thermal conductivity - declared	λ _D	0.037	W/mK	EN 12667
Specific heat capacity	c _p	840	J/kgK	-
AS quality	Insulation of austenitic steel			EN 13468

PREFERENCES

- Excellent fire protection
- Preservation at high temperatures
- Material melting point above 1.000 °C
- Good mechanical properties
- Non-combustibility
- Dimensional stability
- AS Quality

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