



March 2015

## KNAUF INSULATION

### DRS FIRE BOARD BSI 6040 (DRS FIRE BOARD D15)

Boards for fire-screen doors



## DESCRIPTION

**KNAUF INSULATION DRS FIRE BOARD BSI 6040 (DRS FB BSI 6040)** are high-density rock mineral wool boards (6.0 kg/m<sup>2</sup>), 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 6040

Characteristics	Designation	Value	Unit	Standard
Minimal density	-	150	kg/m <sup>3</sup>	-
Reaction to fire	-	Euroclass A1	-	EN 13501
Melting point	-	> 1000	°C	DIN 4102/T17
Operating temperature	-	≤ 750	°C	-
Water / vapour resistance factor	μ	1.1	-	EN 12086
Specific heat capacity	c <sub>p</sub>	840	J/kgK	-
Thermal conductivity - declared	λ <sub>D</sub>	0.035	W/mK	EN 12667
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

**Knauf Insulation, d.o.o.**

**Trata 32, 4220 Škofja Loka  
Slovenia**

**Phone: +386 (0)4 5114 000**

**Fax: +386 (0)4 5114 179**

**E-mail: oem@knaufinsulation.com**