

base FR

Product data sheet no. 9164 - R - 05

Issue: September 2023

Like the SPORTEC® base MS, the **SPORTEC® base FR** also protects the substrate from impacts of heavy weights, but additionally has increased fire protection values. Furthermore, it equally features excellent sound insulation properties and can be used both indoors and outdoors.

Material

Material:

A mixture of chosen EPDM rubber granules bonded with polyurethane elastomer

Product design

Colour(s): black
(low colour differences are conditional of material)

Colour(s):



base FR

Surface: open-pored smooth
Lower side: dimpled base, with reinforcement mesh (at 30mm)
flat base, without mesh (at 20 mm)
Type of floor covering: Safety surface for indoor and outdoor

The product data sheet is not subject to any change service! All information is without guarantee.

Latest version of this document available on www.kraiburg-relastec.com/sportec

page 1 of 3

Dimensions / Tolerances / Weight

Thickness(es):	30 mm (± 2 mm) 20 mm (± 2 mm) (only possible at 1000 mm x 1000 mm) - no connector pins
Length x width:	500 mm / 500 mm (± 0.8 %) 500 mm / 1000 mm (± 0.8 %) 1000 mm / 1000 mm (± 0.8 %)
Area weight:	approx. 27.0 kg/m ² approx. 18.4 kg/m ² (at 20 mm)
Weight slab:	approx. 6.8 kg (at 500 mm x 500 mm) approx. 13.5 kg (at 1000 mm x 500 mm) approx. 27.0 kg (at 1000 mm x 1000 mm) approx. 18.4 kg (at 20 mm x 1000 mm x 1000 mm)

Product Testing

Fire resistance:	C _{fl} -s1 (DIN EN 13501-1)
Tensile strength:	min. 0.75 N/mm ² (EN ISO 1798)
Elongation at break:	min. 50 % (EN ISO 1798)
Hardness:	60 \pm 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal tested)
Force reduction:	approx. 51 % (at 30 mm) (internal tested) approx. 35 % (at 20 mm) (internal tested)
Energy Restitution:	(in accordance with CEN / TS 16717) 54 % at 30 mm
Anti-slip property:	R10 (EN 16165:2021-12)
Step sound insulation:	25 dB (DIN EN ISO 10140-3:2015-11) 30 dB (with SPORTEC team cup 10 mm) (DIN EN ISO 10140-3:2015-11) 33 dB (with SPORTEC supercell DC2 10 mm) (DIN EN ISO 10140-3:2015-11)

base FR**Product data sheet no. 9164 - R - 05**

Issue: September 2023

Light reflectance value 3.0 % (at black) (EN 17317)
(LRV):

VOC emission rating:



Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® base FR**. After installation, the room must be ventilated to remove specific odors from rubber flooring (and adhesive). A regular airing of the room is recommended. The latest version of the Installation Recommendation can be downloaded at the website of KRAIBURG Relastec GmbH & Co. KG.

The product data sheet is not subject to any change service! All information is without guarantee.

Latest version of this document available on www.kraiburg-relastec.com/sportec

page 3 of 3