

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

Issue: December 2020

SPORTEC® base FR protects the substructure against impacts and the falling of heavy loads, eg. in weightlifting areas at fitness centers. **SPORTEC® base FR** prevents such damage and in addition has excellent sound insulation properties.

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
open-pored smooth (at 20 mm)

Dimensions / Tolerances / Weight

Thickness(es): 30 mm (± 2 mm)
20 mm (± 2 mm) (only possible at 1000 mm x 1000 mm)

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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 ³
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 ± 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal tested)
Step sound insulation:	25 dB (DIN EN ISO 10140-3:2015-11) 30 dB (with SPORTEC team cup 10mm) (DIN EN ISO 10140-3:2015-11) 33 dB (with SPORTEC supercell DC2 10mm) (DIN EN ISO 10140-3:2015-11)
VOC emission rating:	



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Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® base FR**.

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