

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

Issue: March 2022

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)

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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 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) |
| Force reduction: | approx. 51 % (at 30 mm) (internal tested) approx. 35 % (at 20 mm) (internal tested) |
| 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) |

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VOC emission rating:

**Installation**

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

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