

1. Application

SPORTEC® base MS protects subfloors from damage by falling heavy objects, e.g. in weightlifting areas of fitness centres or training facilities. **SPORTEC® base MS** avoids this deep-impact damage while providing outstanding sound deadening as well and can be used both indoors and outdoors.

2. Material

Polyurethane-bonded recycling tyre rubber granules

Fire resistance: Efl (DIN EN 13501-1, 2002)

3. Product Design

Colour: grey, black low colour differences are conditional of material and can change over time due to external influences such as UV, cleaning and daily use



Lower surface: dimpled base with a reinforcing mesh

4. Dimensions/Tolerances

Thickness: 30 and 40 mm (± 2 mm)

Length/Width: 500 mm / 500 mm (± 0.8 %)

1000 mm / 500 mm (± 0.8 %)

Area weight: approx. 26.8 kg/m² (at 30mm)

approx. 36.0 kg/m² (at 40mm)

Density: Approximately 1000 kg/m³

5. Product Testing

Fire resistance: Efl (B2) (EN 13501-1)

Safety Surfaces

Product Data Sheet no. 9168 - R - 05

Issue: July 2023

Tensile strength:	min. 2.0 N/mm ²	(EN ISO 1798)
Elongation at break:	min. 100 %	(EN ISO 1798)
Hardness:	60 ± 5 Shore A	(DIN 53505)
Step sound insulation:	27 dB	(internal tested)
Temperature range:	-30°C to 80°C	(internal tested)
Wear behaviour:	rV = 14.3	(DIN V18035-6)
Light reflectance value LRV:	3.0 (at black)	(EN 17317)

VOC Emission Rating:



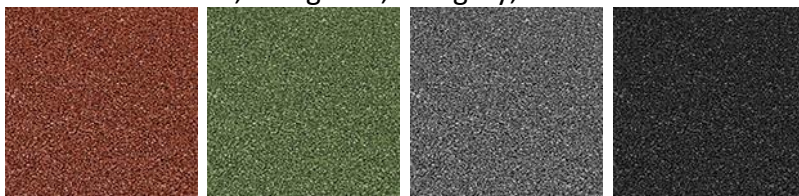
6. Installation

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

Tensile strength:	approx. 0,72 N/mm ² EN-DIN-ISO 1798-2008 (DIN 5357)
Elongation at break:	approx. 70 % EN-DIN-ISO 1798-2008 (DIN 5357)
DLG tested:	yes
Cold fracture resistance:	24h / -40°C, no fracture
Cold crack resistance:	5h / -30°C, no cracks
Abrasion resistance:	rV 5,9 (DIN 18035)

Product design

Colours: SBR red, SBR green, SBR grey, SBR black



Colours (text): red, green, grey or black (minor colour variations and/or fading possible).

Surface: smooth with open pores

Lower side: dimple textured

