

supercell DC 3

Product data sheet no. 9165 - R - 05

Issue: January 2022

SPORTEC® supercell DC 3 is used as an indoor elastic layer for sports and multi-purpose facilities where volleyball, handball, basketball, badminton and tennis are played. Through its softness **SPORTEC® supercell DC 3** elastic layer improving safety and help to prevent damage to joints. Hence, it is ideal adapted to be used in school sports. A mix of fine-grain recycled foam granules bonded with polyurethane elastomer offers unrivalled flexibility and excellent ball rebound properties and is easy to install.

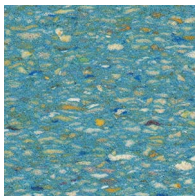
Material

Material:

Fine-grain recycled PU-foam and Latex granules bonded with polyurethane elastomer.

Product design

Colour(s):



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Surface: fine granule structure

Note: low colour differences are conditional of material

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Dimensions / Tolerances / Weight

Thickness(es):	roll: 6, 8 and 10 mm (-5/ +15 %) slab: 10 mm and 20 mm (-5/ +15 %)
Length x width:	slab: 2,000 x 1,000 mm (\pm 10 mm)
Roll width:	1,500 mm (\pm 10 mm)
Roll length:	20 m (at 6 mm) 15 m (at 8 mm) 12 m (at 10 mm) (+ 5 %)
Density:	approx. 280 kg/m ³
Area weight:	approx. 1.7 kg/m ² (6 mm) approx. 2.2 kg/m ² (8 mm) approx. 2.8 kg/m ² (10 mm) approx. 5.6 kg/m ² (20 mm)
Weight slab:	approx. 5.6 kg (10 mm) approx. 11.2 kg (20 mm)

Product Testing

Fire resistance:	depending on PU top coating
Tensile strength:	min. 0.14 N/mm ² (EN ISO 1798)
Elongation at break:	min. 30 % (EN ISO 1798)
Force reduction:	33 % (at 6 mm) (internal tested) 39 % (at 8 mm) (internal tested) 45 % (at 10 mm) (internal tested)
Stress -dynamic:	10 mm = 0.044 N/mm ² (at 10% compression; internal tested) 10 mm = 0.088 N/mm ² (at 20% compression; internal tested) 10 mm = 0.131 N/mm ² (at 30% compression; internal tested)

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VOC emission rating:

**Installation**

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® supercell DC 3**. The latest version of the Installation Recommendation can be downloaded at the website of KRAIBURG Relastec GmbH & Co. KG.

Other

Other: EN 14904: All in EN 14904 requested parameters have to measure at system. To realize the requirements the PU coating is a decisive characteristic. Through the elastic layer the force reduction is given to the system.

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