

motionflex

Product data sheet no. 9146 - R-05

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SPORTEC® motionflex is a jigsaw puzzle mat made of fine polyurethane foam. It has been developed especially for indoor applications that involve highly dynamic movements and endurance. No matter if aerobics, Body-Pump, certain combat sports, cardio boxing or wellness activities, Yoga, Pilates, or reha - **SPORTEC® motionflex** offers crucial advantages for a successful and safe workout. **SPORTEC® motionflex** ensures high walking comfort and still allows for precise motion sequences. Due to its jigsaw puzzle interlocking system, **SPORTEC® motionflex** is connected quickly and firmly and can be adapted or complemented to any floor plan shape.

Material

Material:

Polyurethane soft integral foam

Product design

Colour(s): green, blue, dark grey, light grey
(slight color differences are due to manufacturing)

Colour(s):



Surface: grained leather-look

Lower side: smooth

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

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Dimensions / Tolerances / Weight

Thickness(es):	9 mm (± 0.3 mm)
Length x width:	930 mm / 930 mm (± 1.5 %) / dimension puzzle tile 900 mm / 900 mm (± 1.5 %) / covering dimension
Density:	approx. 430 kg/m ³
Area weight:	approx. 3.9 kg/m ²
Weight slab:	approx. 3.3 kg

Product Testing

Fire resistance:	E _{fl} (EN 13501-1)
Tensile strength:	min. 1.5 N/mm ² (EN ISO 1798)
Elongation at break:	min. 250 % (EN ISO 1798)
Temperature range:	-40°C to 80°C (internal tested)
Force reduction:	44 % (EN 14904)
Standard deformation:	2.77 mm (EN 14904)
Anti-slip property:	R 11 (DIN 51130)
Step sound insulation:	32 dB (internal tested)
Compression set:	3.9 % (DIN 53572)
Abrasion resistance:	150 mg (DIN 53516)
Compression hardness:	0.25 N/mm ² (DIN 53577)
Stress -static:	0.25 N/mm ² (internal tested) (complies 2.5kg/cm ²)
Stress -dynamic:	4.00 N/mm ² (internal tested) (complies 40 kg/cm ²)

VOC emission rating:



Installation

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

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