PROFIMAT® impact protection slab

Advantages & properties

Tested Quality
ISO 9001 certified, Compliance with impact protection standards EN 1177:2018

High elasticity
for cushioning shocks / falls and for a pleasant walking sensation

High anti-slip properties
due to granular structure; Water permeability prevents puddling

Recycled raw materials
can be recycled again after use

Outstanding durability
frost-proof and rot-proof

Complete traceability
of the raw-materials through to the final product by using EAN codes on every single slab

This data sheet is not subject to any updating service! All information is provided without guarantee.
The current, valid version is available at www.profimat.com

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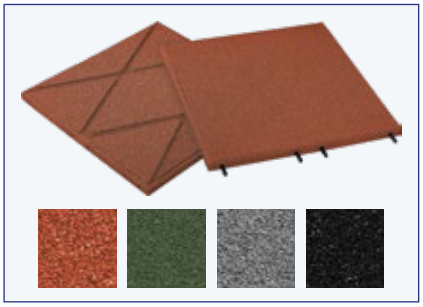
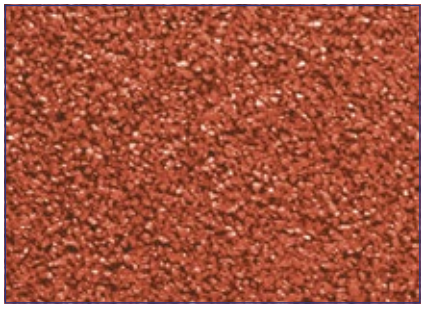
Made in Germany

PROFIMAT® impact protection slab – data sheet





Application

PROFIMAT® impact protection slabs are suitable as a shock-absorbing impact protection covering under playground equipment in outdoor and indoor areas (for fall heights up to 1.0 m) according to DIN EN 1177:2018. Furthermore, they are also used in other areas such as in care, rehabilitation centres, playgrounds, etc.

Material

recycled rubber granules; Binding agents: coloured MDI polyurethane

Product design		
Colours	red, green, black or grey Slight colour differences and fading cannot be avoided.	
Surface	smooth with open pores	
Lower side	with drainage channels	
Edges	beveled	
Other	including 4 connector pins	

Dimensions / Tolerance		
Length x width	500 x 500 mm / 400 x 400 mm	± 0.8 %
Thickness	30 mm	± 2 mm
Area weight	approx. 21.2 kg/m² (500 x 500 mm) approx. 20.8 kg/m² (500 x 500 mm)	

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Product testing		
Impact protection testing	DIN EN 1177:2018, EN 1177:2018 DIN EN 1176-1:2017, EN 1176-1:2017	
Production site certification		
Fire resistance	Class E	according to Efl EN 13501-1, 2010
Resistances	conditionally resistant to acids and bases saltwater resistance tested	self-assessment DIN EN ISO 175, DIN EN ISO 3386-2

Verlegung
Install in accordance with the PROFIMAT® impact protection slab installation instruction.

lower side 400 x 400

lower side 500 x 500

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