

melos



100 %
VIRGIN MATERIAL



MELOS[®] CUSHION⁺

The cushioning and base layer
for fall protection surfaces
with 100 % virgin material.



Functionality without any compromises:

100% EPDM VIRGIN MATERIAL

Melos® Cushion+ is a high-quality system component for the base layer in athletics and multi-sport surfaces. The special feature: Melos® Cushion+ consists of 100 % EPDM virgin material! Due to the fibrous material form, the best fall protection properties are achieved – and this with an optimized material consumption. Melos® Cushion+ is manufactured from high-quality raw materials, is 100 % REACH-compliant* and is highly water-permeable for ideal durability. All requirements for contemporary fall protection are met. Rely on product features that pay off for clients, give parents a safe feeling and are simply fun for children.

Colour of granules may vary due to production.

» Product information

Property	Unit	Value ¹	Test standards
Density	g/cm ³	1.63	DIN EN ISO 1183-1
Bulk density (± 10 %)	g/l	320	DIN EN ISO 1097-3
Hardness	Shore A	52	DIN ISO 48-4
Tensile strength	MPa	> 3	DIN 53504
Elongation at break	%	> 700	DIN 53504
Grain size	mm	2.0 – 30.0 (shares > 30.0 mm possible depending on process)	
Polymer base	EPDM		
Flame retardance	Flame-retardant material compliant with class c ₁ -s1 (DIN EN 13501-1) on request		

» Environmental and health tests

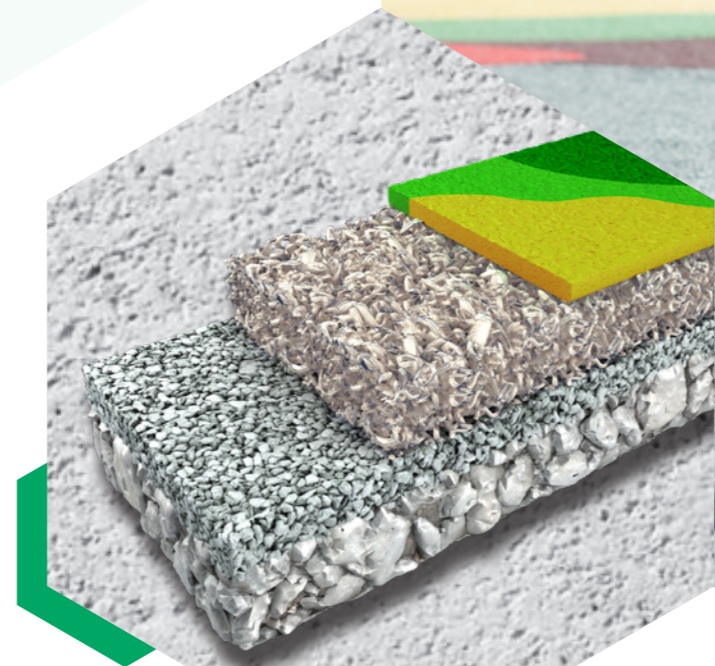
EN 71-3	Fulfils the requirements of the toy safety standard with respect to the migration of certain elements.
PAH (REACH)	Fulfils the requirements of regulation (EC) No. 1907/2006, Annex XVII, entry 28 and 50.

¹ Technically related variations in property, colour and production-related variations as well as innovations and technical changes are reserved. Products shown may differ in configuration from the actual product.

* REACH-Regulation Annex XVII, Entry 28 and 50

** On request

-  Consistent Safety
-  Weatherproof
-  Sustainable and economical
-  Sensible use of resources in the long term
-  Flame-retardant**
-  Eco-friendly
-  Barrier-free



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Fibre granules are easy to bend and remains elastic for many years – for long-lasting fall-protection properties

Convince yourself:

www.melos-gmbh.com





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**Melos quality for fall-protection systems –
fibre granules in the elastic layer:**

Rely on optimally coordinated system components from Melos: Our components work ideally together and guarantee best fall-protection properties in subsequent play.

Sustainability at Melos

For us, taking responsibility means that we are guided by a clear system of values. Sustainability plays a special role in this. Our certified „Integrated Management System for Quality, Environment, Energy and Occupational Safety“ serves as an instrument for continuous improvement, environment, energy and occupational safety“.



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**Are you interested in our products?
Do you have any questions?**

If so, get in touch with us today.
We look forward to hearing from you.

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