melos

100 %
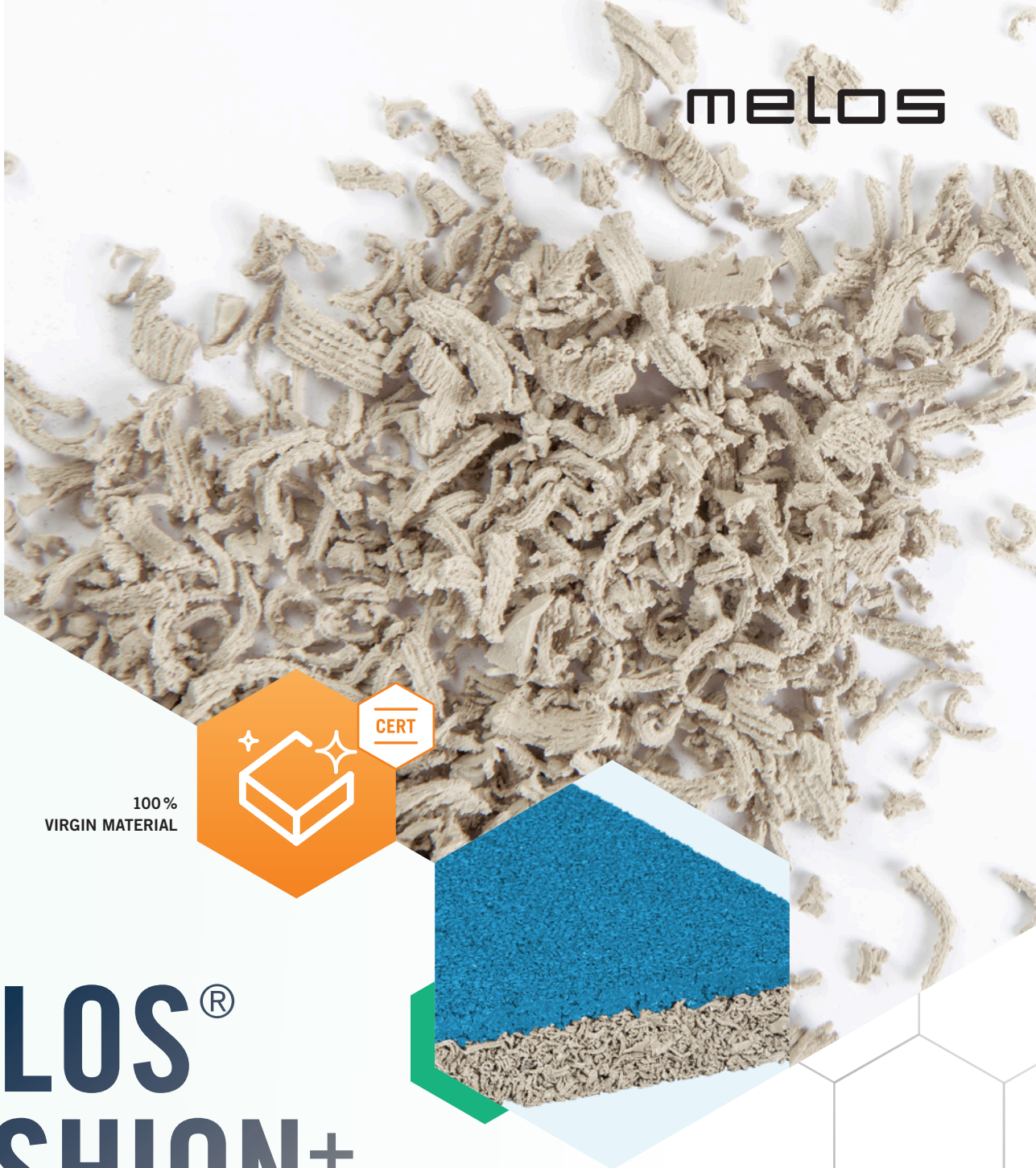**VIRGIN MATERIAL**

CERT

MELOS®
CUSHION+

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

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

100 %
VIRGIN MATERIAL

Colour of granules
may vary due
to production.

» Product information

Property	Unit	Value[1]	Test standards
Density	g/cm³	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_{fl}-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

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