

melos



Elastic allrounder
for use in sports,
leisure and
commercial flooring

100 %
MELOS-
QUALITY



Melos is one of the leading
manufacturers of rubber granules
for sports and leisure surfaces

MELOS[®] GRANULES

The quality for outstanding
performances!



Perfectly compatible system components – quickly on-site and ready for use

READY TO BUILD

Maximum customer orientation and best consultation. With the new service concept “Ready to Build” the customer gets the perfectly compatible system components just in time. No matter whether granules or polyurethane, whether for athletic tracks, playgrounds or stage building: single-source delivery from Melos – at a good price!

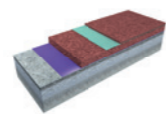


READY TO BUILD

SELECT YOUR APPLICATION.

CHOOSE THE DESIRED SYSTEM.

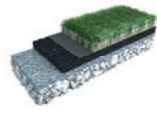
GET THE RIGHT PRODUCTS FROM US.



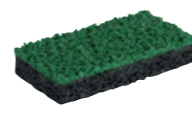
Jogging Track



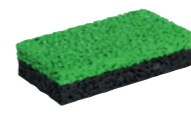
EPDM Mulch System One and Two Layer



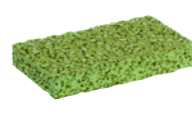
Sports Artificial Turf



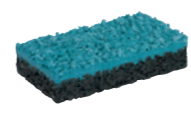
Spray Coating System Type A



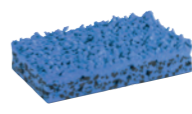
Two Layer System Type B



One Layer EPDM System Type C



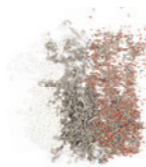
Sandwich System Type D



Full Pour System Type E



Coloured Granules



Base Layer Products



Recycled Granules



Polyurethane / Epoxy



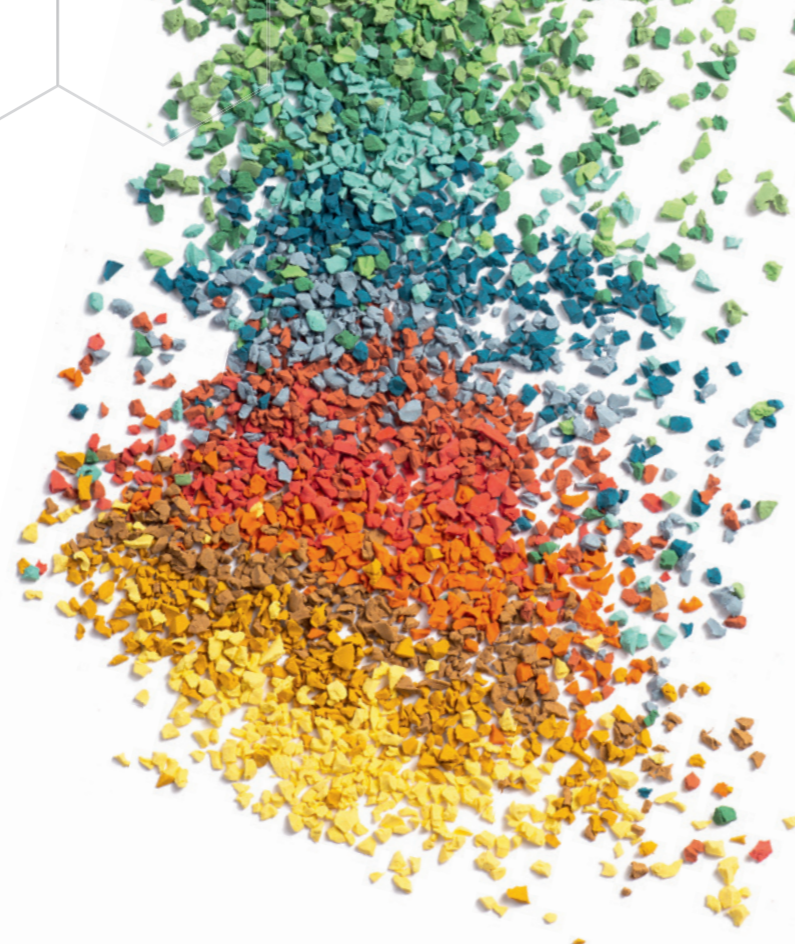
Acrylics

Freedom to be creative

COLOURED GRANULES

Motivation for sports and enjoyment of leisure – we have many good reasons for manufacturing granules in the most attractive colours. As a leading manufacturer in the field of coloured rubber granules for bound floor covering systems we are committed to offer the highest quality and the widest possible range of colours. In addition to our range of 28 standard colours, we will be glad to create individual special colours on request for unique and representative designs both indoors and out.

All colours supplied by us have a high colour stability – for a long-lasting use of your sports and leisure floorings.



Applications	Products	Coloured Granules							Rec. Gran.
		Top Layer				Base Layer			
		EPDM Granules 60 Shore A	Infill EPDM ST	EPDM Mulch	EPDM / TPE-V 90 Shore A	Deco Granules	Melos® EPDM Soft	Melos® Cushion+	
Athletics & Jogging		■					■		■
Playground Indoor & Outdoor		■		■				■	■
Basketball, Handball & Volleyball		■					■		■
Tennis, Padel & Pickleball		■					■		■
Badminton		■					■		■
Schwimming pool		■					■		■
Football, American Football & Rugby			■				■		■
Park- and Landscape areas		■		■	■		■		■
Fitness, Rehab & Health		■							■
Stages, Decoration & Exhibition Halls		■		■	■	■			

EPDM GRANULES 60 SHORE A

Grain size 0.0 - 0.5 | 0.5 - 1.5 | 1.0 - 2.0 | 1.0 - 2.5 and 1.0 - 3.5 mm

The worldwide used standard product for diverse outdoor floor applications and PUR system solutions has established itself with all building companies in the course of the decades primarily with the grain size 1.0 – 3.5 mm. Avail yourself of the security provided by the UV-resistant and elastic granules in their great colour variety.

Wide range of colours – 28 standard colours and a variety of special colours, such as Brilliant Red




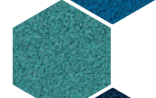





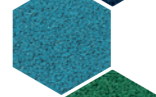

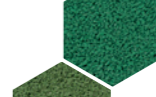

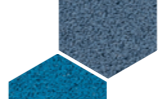



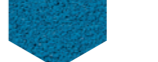

Wide range of Colour Blends – Easy Blend Pure, Colour Blend or other Blends with a special colour – e.g. Amazing Africa and Fairy Flowers

» Product information

Property	Unit	Value*	Test standards
Density	g/cm ³	1.60	DIN EN ISO 1183-1
Polymer content	%	approx. 20	
Bulk density (± 10%)	g/l	650	DIN EN ISO 60
Hardness	Shore A	60	DIN ISO 48-4
Tensile strength	MPa	> 6	DIN 53504
Elongation at break	%	> 700	DIN 53504
Grain size	mm	0.0 - 0.5 0.5 - 1.5 1.0 - 2.0 1.0 - 2.5 und 1.0 - 3.5 (other grain sizes on request)	
Polymer base		EPDM	
Flame retardance		Flame-retardant material compliant with class c _{fl} -s1 (DIN EN 13501-1) available	

» Available colours

RAL Approx. value¹

	Beige Code: 46 2100 RAL: 1001		Red Code: 46 0000 RAL: 3016		Rainbow Blue Code: 46 5900 RAL: 5017		Rainbow Green Code: 46 5600 RAL: 6025
	Sand Yellow Code: 69 0600 RAL: 1002		Rose Code: 46 7500 RAL: 3017		Turquoise Blue Code: 46 5400 RAL: 5018		Signal Green Code: 46 4600 RAL: 6032
	Earth Yellow Code: 46 5700 RAL: 1006		Purple Code: 46 3400 RAL: 4005		Capri Blue Code: 46 1500 RAL: 5019		Iron Grey Code: 69 0800 RAL: 7011
	Yellow Code: 46 2000 RAL: 1012		Hertha Blue Code: 46 9100 RAL: 5002		Teal Code: 46 5800 RAL: 5024		Slate Grey Code: 46 3100 RAL: 7015
	Pearl Code: 46 2900 RAL: 1013		Gentian Blue Code: 69 0700 RAL: 5010		Patina Green Code: 46 4000 RAL: 6000		Light Grey Code: 46 3800 RAL: 7035
	Eggshell Code: 46 2400 RAL: 1015		Blue Grey Code: 46 1000 RAL: 5014		Reseda Green Code: 46 4700 RAL: 6011		Brown Code: 46 2800 RAL: 8024
	Orange Code: 66 5700 RAL: 2011		Sky Blue Code: 46 1800 RAL: 5015		May Green Code: 46 4100 RAL: 6017		Black Code: 46 3900 RAL: 9004

-  Durable
-  Weatherproof
-  Flame-retardant
-  28 standard colours
-  Reasonable in care
-  Virgin material
-  Eco-friendly

» 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.

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

¹ The RAL colour specifications are nonbinding approximations. Differences in colour of the images are due to printing process.

MORE PRODUCTS

EPDM MULCH

Grain size 2.0 - 30.0 mm

EPDM Mulch is 100 % dyed, meaning it retains its colour and is kind to the environment. EPDM Mulch is a durable, colour-fast alternative to surface-coated rubber mulches made from recycled tyres.

As a water-permeable surface Melos® EPDM Mulch provides a hygienic and economic alternative to organic mulches. A smooth and poured in place EPDM Mulch surface enables barrier-free and safe playing fun.

DECO GRANULES

Grain size 1.0 - 3.5 mm

A shimmering water feature, multifaceted landscapes, luminous meadow scenery or dynamic fire images – Melos® Deco Granules provide stage and set designers with numerous possibilities for creating realistic and imaginative stage designs. Melos® Rubber Granules provide a safe and practical alternative to familiar theatre stage decorations, such as highly combustible cork or coarse and dusty sand.



Flame-retardant

INFILL GRANULES

INFILL EPDM ST

Grain size 0.5 - 1.5 | 0.5 - 2.0 mm | **Bulk density** 650 g/l

Tested and flexible: The proven Infill EPDM ST is very lightfast and weatherproof. Many years of experience with infill granules have shown that this crosslinking method results in a product with solid ageing stability and optimal sports-technical attributes. The selection of suitable pigments ensures the durability of the colours. This optimum product is based on high-grade materials. Tested and flexible: The proven Infill EPDM ST is very lightfast and weatherproof.



Sports-functional

BASE LAYER PRODUCTS

MELOS® CUSHION+

Grain size 2.0 - 30.0 mm

Melos® Cushion+ is a high-quality system component for the base layer in athletics and multisport 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 – 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. The product features pay off for the client, give parents a safe feeling and are simply fun for children.

INFENERGY | *Infinergy*®

Infinergy is a high-quality component for the base layer in fall protection surfaces. Infinergy in the base layer is elastic like rubber, but lighter. The closed-cell particle foam combines low weight with high continuous load-bearing capacity. Perfect for sports, leisure and many other applications.

MELOS® EPDM SOFT

Grain size 0.5 - 1.5 | 1.0 - 4.0 | 1.0 - 6.0 mm

Melos® EPDM Soft is a newly developed system component for the base layer in artificial turf pitches, athletics and multisport surfaces. The Melos® EPDM Soft used in the base layer is manufactured from high-quality EPDM virgin material and is therefore 100 % REACH-compliant. The manufacturing process and the formulation of the Melos® EPDM Soft granules guarantee the highest sports functional properties such as optimal force reduction and vertical deformation.



100% virgin material

Base layer products are manufactured from high-quality EPDM virgin material and are therefore 100 % REACH-compliant (REACH-Regulation Annex XVII, Entry 28 and 50).

RECYCLED GRANULES

Grain size 1.0 - 4.0 | 1.0 - 8.0 | 0.5 - 2.5 mm

The base elastic floorings for use in sports, recreational and commercial facilities are often recycled rubber granules. For the recycling of these granules, the material has to pass stringent criteria of quality and environmental impact. You can rely on the cushion layers from Melos components.

90 SHORE GRANULAT

EPDM/TPE-V 90 SHORE A

Grain size 0.0 - 5.0 | 1.0 - 6.0 | 2.5 - 6.0 mm

Melos® granules with a hardness of 90 Shore A are used for special applications such as sanded floors, path and industrial floorings. The material makes it possible to create surfaces with a specified property profile and a high durability. Surfaces made of 90 Shore A granules ensure improved compressions set respectively minimal permanent deformation in a system.



High surface hardness

100%
Virgin
Material



**100 %
MELOS-
QUALITY**

CONSTANTLY HIGH QUALITY

Coloured granules must withstand demanding conditions in practice. By means of regular tests Melos ensures both an efficient product and constantly high product quality.

**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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