

COLOUR COATED RUBBER MULCH

Colour coated rubber mulch produced from recycled tyre rubber

Product description

CONICA LTD supplies colour coated rubber mulch and polyurethane binder for the installation of impact absorbing playground surfaces and for the creation of other decorative landscaping features.

Fields of application

Used as a loose fill material or as a tested bonded system for many applications. Often used as an alternative to traditional bark.

Properties

The black rubber granules are encapsulated in a tough PU polymer coating with a non-toxic synthetic pigment that gives a natural and stunning eco-appearance.



Technical data

	Thickness (mm)	CFH (m)	Mulch per m ² (10kg bags)	Binder per m ² (kgs)
Specification	50	1.5	2.2 bags	3.96 kgs
	70	2.1	3.1 bags	5.58 kgs
	95	2.5	4.2 bags	7.56 kgs
	135	3.1	6.0 bags	10.80 kgs
	This surface has been fully tested to the strict requirements of EN1177 (2008) for Critical Fall Height by Labosport UK - report no LSUKD.11-0322; on a concrete base in laboratory conditions (worst case scenario). Where the surface is installed onto a dynamic base (eg soil or stone) which contributes to the CFH performance, significantly greater fall height may be achieved with lesser thickness of surface.			
Test Certificates	Test certificates and a copy of the full report can be requested from Customer Services. The test certificates are only applicable where ALL the constituents are purchased directly from CONICA and the surfacing has been mixed and installed according to our instructions. Contact the Customer Services for more information			
Stability and ecology	Please refer to our technical bulletin on colour coated rubbers.			
Above figures are guide values and should not be used as a basis for specifications!				

Application Method

Loose fill

For loose fill applications attention should be given to a raised edge detail to retain the materials within the specified area.

Sufficient thickness should always be applied to allow for displacement of the material during use.

Regular maintenance procedures should be in place to re-level the displaced materials to ensure sufficient coverage depths are always maintained.

Quantities for loose fill can be calculated at 450kgs/m³.

Bonded system

The materials must be bonded with an approved CONICA polyurethane binder in accordance with the manufacturer's instructions.

Suitable binders are BN22, BN24, BN30 and CONIPUR 315 according to the climatic conditions (please contact customer services for further details).

The rubber mulch should be mixed with the binder at a ratio of minimum 1.8kgs per 10kg bag of rubber mulch or

minimum 2.0kgs per bag for heavily used areas. The materials must be accurately measured and thoroughly mixed in a force action pan mixer for a minimum of 3 minutes before application.

The materials should be applied to the substrate and levelled to the required thickness by rake, screeds or trowel and then smoothed and lightly compacted with a roller or trowel. BN25 environmentally friendly smoothing agent can be used to lubricate the tools and ensure a good finish.

Once installed the area needs to be protected until fully cured. Curing periods vary according to climatic conditions and choice of binder type but typically can be between 6 and 24 hours.

Full strength of the surface will not be realised for 3 days after installation so for heavily used areas it is advisable to restrict the use during the first 3 days.

Where the substrate is soil we recommend the use of a weed suppressing membrane under the surface and a minimum installed depth of 50mm.

Avoid any installation during periods of rain, in standing puddles of water or at temperatures below 10°C. Exposure to high UV levels should also be avoided.

Benefits:-

- Simple to install.
- Does not necessarily require an engineered base.
- Low maintenance.
- The bonded mulch offers a water permeable surface.
- Common uses:
 - Safety surfaces.
 - Walkways and paths.
 - Decorative tree rings to protect trees and shrubs.
 - Synthetic mulch for flower beds and planting areas

Pack size

Standard 10kg bags ex stock or bulk bags can be produced to order depending on application.

Storage

Keep dry if going to be used in a bonded system.

Safety precautions

Rubber mulch is non-hazardous in its cured condition. For protective measures, transport regulations and waste management please refer to the Material Safety Data Sheet.

Disclaimer

The colour integrity of Rubber Mulch cannot be guaranteed and will fade if subjected to high levels of foot traffic and/ or UV light. To ensure that you are installing the right system for your particular project, please contact us.

Mulch is NOT suitable for nurseries or other play areas where the design requires users to crawl.

Standard Colours

Six standard colours are available from stock*.



Any combination can be mixed on site

* Every effort has been made to ensure the colours on this data sheet are as close a match as possible to those that will be provided. However, this cannot be guaranteed due to screen and printer settings.

Please note

Where possible, mulch orders will be fulfilled from one production batch. When this is not possible, the installer MUST mix the supplied batches in order to achieve colour consistency.