

Certificate of Compliance

With the Performance Specification
Of

BS EN 1177 (2008)/BS 7188

This is to certify

**That the Playground surface manufactured by
Star Rubber Environmental Ltd
And known as**

Tiger Mulch

Has been independently tested by

PAUL HAWKINS DEVELOPMENT

On Tuesday 24th November 2009 and Wednesday 12th February 2014

And has been found to conform with the requirements of the above Performance Specification as follows:

Critical fall height at 41mm depth: 1.4m
Critical fall height at 55mm depth: 1.7m
Critical fall height at 84mm depth: 2.3m
Critical fall height at 120mm depth: 2.8m
Critical fall height at 140mm depth: 3.0m
Slip Resistance (dry): 64
Slip Resistance (wet): 52
Low radius of ignition (26mm)
Tensile strength 0.52Mpa (wearing course)
Ultimate elongation 78% (wearing course)
Tensile strength 0.43Mpa (base course)
Ultimate elongation 46% (base course)

As detailed in Technical reports 09/1348 of 26th November 2009 and 14/1559 of 14th February 2014.

Dated this 14th day of February 2014



On behalf of Paul Hawkins Development.



Project: Wensley Road

Installation Date: November 2023 – March 2024

Location: Wensley Road, Reading

Lappset Play Equipment

Warranty Terms and Conditions

These warranty terms cover the products and components manufactured by Lappset as specified below.

The warranty starts on the day the product is delivered from the Lappset Group factory. The warranty is valid only on the condition that the foundation, installation and maintenance work have been carried out and documented according to Lappset Group's instructions. A logbook of the handover inspection and documents for maintenance work carried out have to be presented, if necessary.

Warranty times

20 years • steel components and structures • elements made of high pressure laminate (HPL). • Linax-treated parts

15 years • preserved wooden parts with no ground contact • preserved wooden parts with ground contact (in Europe) • aluminium components • fibre-reinforced plastic components

10 years • concrete parts • surface finish of steel and aluminium components • climbing grips

5 years • preserved wooden parts with ground contact (outside Europe) • unpreserved wooden parts • plastic and fibreglass parts • steel reinforced nets and ropes • springs • parts made from Jatoba

3 years • rubber and rubber-coated parts, polyurethane parts • moving parts, malfunctions • wooden bodies of spring mobiles • steel cables, chains • surface finish of other than steel

and aluminium components • Painted or surfaced plywood boards • wooden parts without pressure impregnation (Park)

1 year • ropes without steel reinforcement • textile elements and stickers • plaster-coated parts • electronic components

The warranty for the surface finish on metal components installed in structures within 500 metres from the seashore is half of the standard warranty time.

Products and their components manufactured by a third party, and electronic products and their components are covered by warranty terms provided separately.

Covered by warranty

The warranty covers free delivery of components covered by the warranty to Lappset retailer's storage that is relevant to the case or nearest to the customer. Defective parts must be replaced with Lappset components. If requested, any damaged components must be returned to Lappset Group at the sender's expense. The warranty of any replaced product or part thereof shall remain valid until the end of the warranty period of the original product or part.

In the event of damage or loss during transport, the Incoterms 2020 delivery terms shall apply in EU and export trade. Finnterms terms shall apply for the delivery of goods in Finland. The recipient is responsible for checking the delivery against the packing list or dispatch note prior to accepting the delivery. If there is any external damage to packaging, this should be noted in the bill of lading. If there is any damage in the product sustained during transport that could not be detected on receipt, the forwarder's representative must be asked to inspect the goods within seven (7) days of the receipt of the goods. The warranty expires, if the time mentioned is not followed.

Not covered by warranty

- Normal wear and tear or damage sustained during incorrect storage, installation or use, or resulting from vandalism or natural disaster.
- Corrosion of metal parts caused by salt water or salt-water fog.
- Corrosion caused by scratches and dents.
- Minor natural cracks or bends, splints or tears in wood.
- Slight fading of colours or other cosmetic faults and defects.
- Faults resulting from negligence of installation and maintenance instructions, or faults resulting from maintenance.

- Any modifications or repairs made in the product or parts thereof by other parties than Lappset Group.
- The installation costs of the parts replaced under the warranty. Lappset Group's responsibility for faulty products or parts thereof is limited to what is stated in these terms of warranty. Lappset Group shall not be responsible for any indirect costs, losses or damages. This warranty applies to all orders delivered after 1 June 2021. In warranty issues, please get in touch with your contact person.



Redlynch Leisure Installations Limited. PO Box 1181, Chippenham, Wiltshire, SN15 3ZD.
Tel: **01249 444537** Fax: **01249 655002** E-mail: info@redlynchleisure.co.uk Web: www.redlynchleisure.co.uk

DIRECTORS: N L CROSSE, K HARRISON, D S MACLEOD. INCORPORATED IN THE UK. REGISTRATION NO. 3323071. REGISTERED OFFICE: 65 ST MARY STREET, CHIPPENHAM, WILTSHIRE SN15 3JF VAT NO. 691 5207 30.



Project: Wensley Road

Installation Date: November 2023 – March 2024

Location: Wensley Road, Reading

GUARANTEE

TigerMulch Rubberised Surfacing

In situ rubberised surfaces are guaranteed for five year against defects in workmanship and materials. Fair wear and tear is excluded. Please refer to our terms, conditions and notes issued at the time of quotation.

Except where expressly set out, all warranties, conditions and undertakings and representations, expressed or implied, statutory or otherwise, are excluded and Redlynch Leisure Installations Ltd has no obligation, duty or liability in Contract, tort (including breach of statutory duty) or otherwise. In any event the company's liability arising for any reason in connection with guarantee shall be limited to the original invoice value of the goods. In no circumstances will Redlynch Leisure Installations Ltd be liable in Contract, tort (including negligence or breach of statutory duty) or otherwise for loss (whether direct or indirect) of profits, business or anticipated savings, or for any indirect or consequential loss or damage whatever. The company does not exclude or restrict liability for death or personal injury resulting from its own negligence. Each provision of this condition is to be construed as a separate limitation applying and surviving even if for any reason one or other of the said provisions is held unreasonable in any circumstances and shall remain in force notwithstanding the termination of this contract.

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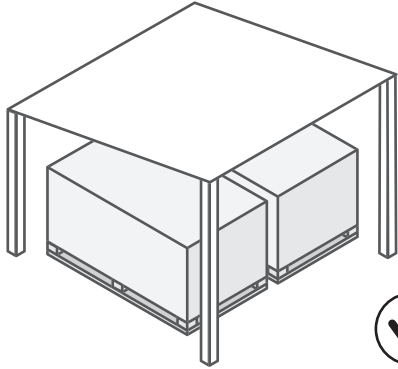
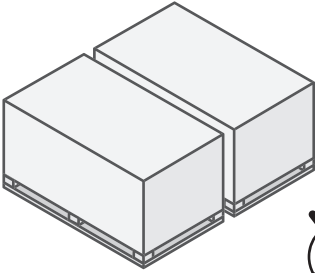
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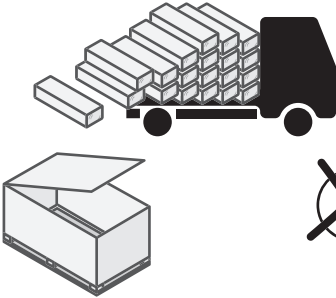
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PACKAGE HANDLING INSTRUCTIONS

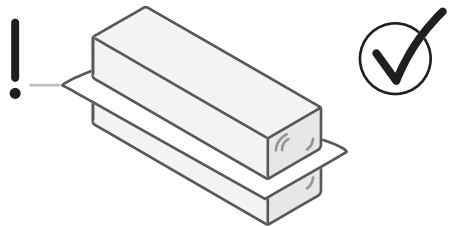
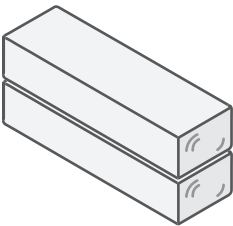
PAKETTIEN KÄSITTELYOHJEET
INSTRUKTIONER FÖR PAKETHANTERING



- EN** Protect packages from the weather
- FI** Säilytä pakkaukset säältä suojassa
- SE** Skydda paketen från väder och vind



- EN** Keep components in their package until needed on site
- FI** Säilytä komponentit alkuperäispakkauksessaan työmaalle asti
- SE** Förvara paketen i originalförpackningen fram till byggnadsplatsen



- EN** Do not stack any components directly on top of each other
- FI** Älä lada osia päällekkäin ilman välisuojausta
- SE** Stapla inte komponenter utan skydd i mellan



TigerMulch – O and M Information

TigerMulch is a brand name for an impact absorbing safety surface generally known as resin bound rubber mulch.

Please note that we do not supply TigerMulch if it is to be used as a loose fill material.

Composition

At 40 and 50mm depth TigerMulch consists of a single course of TigerMulch material. This is recycled shredded rubber particles between approximately 3-80mm in size. The shredded rubber is encapsulated in a polyurethane coating with a non-toxic synthetic pigment in a factory process. The rubber material is then mixed on site with a single part polyurethane binder.

For depths above 50mm, a base course of rubber is installed before being overlaid with a 40mm depth of TigerMulch. The base course consists of 4-10mm SBR rubber granules (granulated truck tyre rubber) which are mixed with a single part polyurethane binder.

Strength

When tested for tensile strength, TigerMulch exhibits a reading of 0.53mPa.

Free Fall Heights

TigerMulch has been tested to BSEN1176 and BSEN1177. Please note that the surface has been tested onto a concrete substrate, and not onto either MOT1 or soil as we do not believe that the improved fall heights associated with testing onto such dynamic bases can be maintained over the long term.

<u>Depth(mm)</u>	<u>Fall height (m)</u>
40	1.0
50	1.7
80	2.2
120	2.8
140	3.0

Test results are available on request.

Climatic Consideration

TigerMulch can be laid in temperatures down to 5°C. It cannot be laid in heavy rain. During warm and hot conditions extreme care should be taken to ensure the wet material, once laid, is watered in order to cool it down, as high temperatures can cause the polyurethane binder to thin down, and drain out of the surface.

Curing Times

The polyurethane binder used for TigerMulch is moisture and temperature cured, so that curing times vary according to humidity and heat. Curing times can vary between 6 and 15 hours, with a full cure being achieved after approximately 5 to 8 days

Substrate

We strongly recommend the use of an aggregate foundation sub base (eg MOT1) or existing hard surfaces for substrates for TigerMulch. When resin bound rubber mulch surfaces are laid directly onto grass or soil, in many cases such surfaces will suffer from settlement and drainage problems.

Installation

TigerMulch is only installed by our own directly employed workforce.

It is important that resin bound mulch surfaces are sufficiently compacted in order for them to achieve sufficient strength. We use a roller with a minimum weight of 15kg in order to achieve this.

Porosity

TigerMulch is porous, and is frequently used in tree pits.

Colour

The standard TigerMulch blend is a mix of three colours (Autumn Mix) : earth yellow, terracotta red and brown. Other colours are available to order. Please note that, as is the case with all resin bound rubber mulches, TigerMulch will darken over time

Safety

TigerMulch is non- hazardous when cured.

Maintenance

TIGER MULCH is almost maintenance free.

An annual pressure wash will help to clear the interstices between the rubber granules and maintain porosity. Please ask about our RubberScrub cleaning process.

If Tiger Mulch is installed in a shaded area moss and algae growth may occur. In order to prevent surfaces from becoming dangerously slippery use the Rubber Scrub process to clean and maintain the surface.

Should the surface be vandalised we recommend that it be repaired as soon as possible in order to reduce the risk of further damage.

Remove any vegetative growth with a glyphosate weed killer. Treat as soon as growth is visible.

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