




FLOOR  
SAUCE

Liquid Bio Rubber

A close-up photograph of two hands, palms up, holding a small, bright yellow flower with a dark center. The hands are positioned in the center of the frame, and the flower is held between the fingers. The background is dark and out of focus, with some blurred yellow and green tones. The text is overlaid on the image in a white, sans-serif font.

Bio Rubber is a breakthrough flooring material that combines design and performance with industry-leading sustainability.

# Sustainability

How Bio Rubber is more environmentally-friendly

# Low Carbon

The unique, bio-based formulation and recycled content of Bio Rubber give it one of the lowest whole life carbon footprints in the flooring sector.

This is at least 90% lower than equivalent synthetic rubber flooring products.

Global Warming Potential

**1.87**

kg CO<sub>2</sub>e/m<sup>2</sup>

Cradle to Grave

Without offsetting



# Renewable

The primary ingredients in Bio Rubber are from renewable, biogenic sources which are combined with post-consumer recycled content.

Biogenic materials like these deliver measurable environmental benefits.

Biogenic carbon: This is stored in biological materials, such as plants. Through the process of photosynthesis, carbon is taken from the air, absorbed and sequestered in the plant's leaves, stem and roots.

# Transparency

Product environmental impacts are fully disclosed through 3rd party, independent benchmarking.

This includes:

- Declare Label [product ingredient breakdown]
- Environmental Product Declaration [full lifecycle impacts]

Offsets: The use of company-wide carbon offsets enables flooring producers to achieve corporate-level **Carbon Neutrality** but may not indicate the carbon footprints of the products in their portfolios.

# Accredited

Achieves highest standards of eco-certification



# Declare.

## Ndurance Liquid Rubber Flooring

**Final Assembly:** Dordrecht, The Netherlands  
**Life Expectancy:** 30 Year(s)  
**End of Life Options:** Recyclable (100%)

### Ingredients:

Oils, vegetable; Calcium Carbonate; MDI Activator; EPDM rubber; C.I. Pigment Yellow 42; Dilon Trioxide; Iron oxide (Fe<sub>3</sub>O<sub>4</sub>); Titanium dioxide

**Living Building Challenge Criteria:** Compliant

### I-13 Red List:

- LBC Red List Free      % Disclosed: 100% at 100ppm
- LBC Red List Approved      VOC Content: 7 g/L
- Declared

**I-10 Interior Performance:** CDPH Standard Method v1.2-2017

**I-14 Responsible Sourcing:** Not Applicable

DUR-0003  
EXP. 01 JUL 2024  
Original Issue Date: 2020

# Longevity

Bio Rubber is a semi-permanent floor finish which is engineered to last for 30 years in busy commercial environments.

If the floor is subject to localised damage, it can be seamlessly repaired and the entire floor finish can be refurbished.

Extended Life: Longer replacement cycles are an effective way to reduce carbon impacts. This can be achieved by choosing semi-permanent finishes that can be maintained in good condition throughout their lifecycle.





# End of Life

The extended working life of Bio Rubber reduces the frequency of flooring replacement by up to 75%.

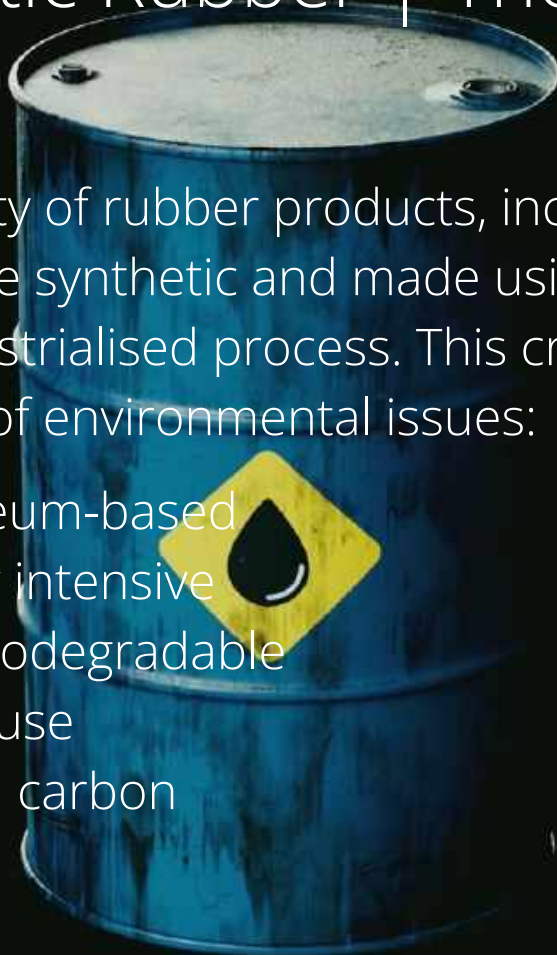
And, when it does need to be replaced, Second Life (our take back scheme) is there to remove the floor and recycle into new material.

Take Back schemes which recycle used flooring materials back into the production stream address the need for circular construction - thereby reducing environmental impacts and carbon footprints.

# Synthetic Rubber | The Uncomfortable Truth

The majority of rubber products, including flooring, are synthetic and made using a highly industrialised process. This creates a number of environmental issues:

- Petroleum-based
- Energy intensive
- Non-biodegradable
- Single use
- High in carbon



Rubber Flooring Typical Carbon Footprints	
2.0 mm rubber tiles & rolls	<b>21.09</b> kg CO2e/m2
3.2 mm rubber tiles	<b>25.23</b> kg CO2e/m2
3.5 mm rubber tiles	<b>36.14</b> kg CO2e/m2

# Product Benefits

What makes Bio Rubber a better performing product

# Seamless

Bio Rubber is an innovative bio resin which is mixed on-site and applied as a liquid. It dries in 24 hours to a seamless, flexible finish. It's a unique looking material which delivers on hygiene (no joints to harbour microbes), comfort and durability.

Less Waste: Bio Rubber is made as required and can be installed in any space regardless of size and shape without waste. In comparison, the fitting of sheet flooring material can generate waste of 5-10% of the floor area.

# Durability

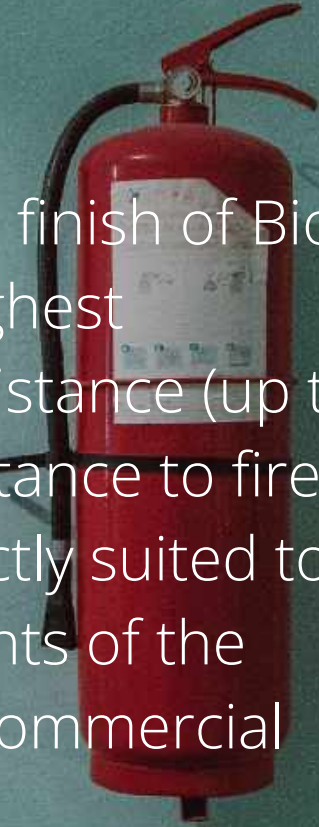


Bio Rubber is engineered for durability. It's one of the hardest wearing products on the market and is suitable for any high traffic commercial location (Class 34). And, it's been used in many high profile commercial projects around the world.

Wear Class: All flooring materials are tested to determine their wear class. These range from Class 31 - for light commercial use - to Class 34 - which can be used in very traffic commercial environments.

# Safety

The enduring, flexible finish of Bio Rubber meets the highest standards for slip resistance (up to PTV: 53) and for resistance to fire (Bfl-s1). So, it is perfectly suited to the safety requirements of the most demanding of commercial environments.



Slip Safety: The slip resistance of flooring products is measured by a Pendulum Test Value (PTV). Floors are tested in dry and wet conditions. A PTV of 36+ in the wet is required for designation as a safety floor.



# Design

With more than 50 contemporary colours in the collection, Bio Rubber offers a wide design palette. And, bespoke mixes can be created to a target colour reference. The seamless finish gives the floor a simple, clean look and feel.

Design Flexibility: Bio Rubber can be used as a monochrome colour finish throughout a space. Or, it can be installed in zones to create 'islands of colour' or wayfinding elements within a floor design.



**50+ Colours**



# Tried & Tested

Used in commercial projects around the world











1995  
1073

COPA PREDATOR X





10

15



The UK's leading provider of sustainable flooring solutions.

We seek out products that deliver design, performance and sustainability, working closely with product innovators who reinterpret renewable materials in new ways.

[floorsauce.co.uk](https://floorsauce.co.uk)

[hello@floorsauce.co.uk](mailto:hello@floorsauce.co.uk)

[@floorsauce](https://twitter.com/floorsauce)



## **Liquid Bio Rubber Fact File**

