

## Free from fillers: EPEA confirms the material health of OBJECT CARPET's DUO productss



OBJECT CARPET Collection Greencard

**OBJECT CARPET** has received the official Material Health Statement® (MHS) from EPEA for the DUO tiles in its Greencard collection – NYLTECC, NYLLOOP and SPRINGLES ECO – launched in 2024. This not only attests to the collection's forward-looking design and consistent recyclability, but also guarantees an exceptionally high level of transparency.

The EPEA (Environmental Protection Encouragement Agency) research institute is part of the consulting firm Drees & Sommer and specialises in circular product development and the assessment of material health. Its Material Health Statement® (MHS) analyses the chemical composition of products, drawing on verified material data from across the entire value chain. This enables a well-founded assessment of safety, recyclability

and sustainability and creates the basis for circular product development. The report on **OBJECT CARPET**'s Greencard collection also documents the material composition of the carpets – in a level of detail that is unique in the flooring industry.

## Detailed report on chemical composition

The MHS discloses over 98% of Greencard's ingredients with an accuracy of 100 ppm (0.01%). One of the most important findings: more than 96% consists of polyamide and polyester. The use of just two materials allows for efficient separation and high-quality recycling. In addition, 60% of the total carpet material already comes from recycled raw materials, which impressively underlines **OBJECT CARPET**'s comprehensive commitment to sustainability.

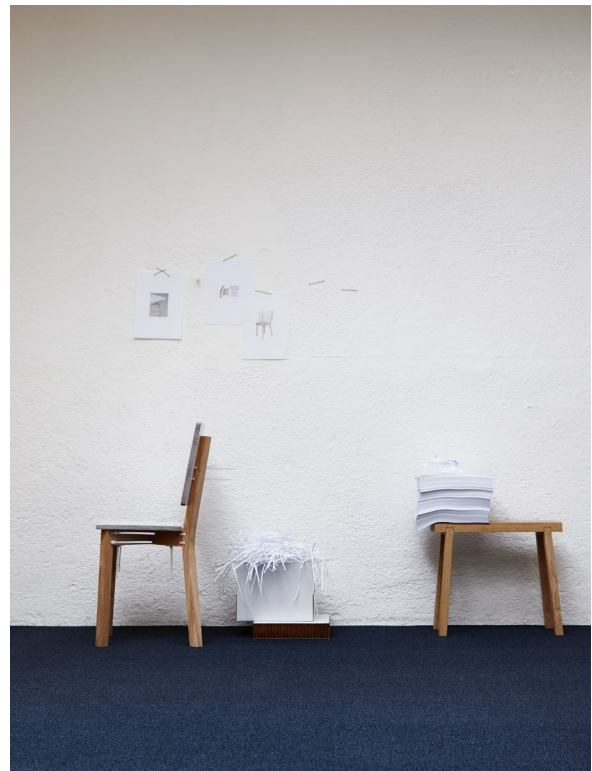
## Groundbreaking manufacturing technology

The collection is produced using Niaga®'s groundbreaking technology. The process guarantees clean manufacturing by largely eliminating additives or fillers that could impair recyclability. Instead of complex multi-material composites, Niaga® relies on pure mono- or duo-material solutions. This approach, which aims for maximum reduction, makes both recycling and the entire recycling process significantly more efficient. Another advantage is that energy consumption can be significantly reduced, as no water or gas is used in the production of the carpet backing.

## Complete transparency

By publishing the Material Health Statement® for Greencard and making it publicly available, the Denkendorf-based manufacturer **OBJECT CARPET** is underlining its pioneering role in the field of responsible, sustainable design. This development has also been praised by Jan Christoph von der Lancken, Managing Director of EPEA: "Thanks in part to Niaga® technology, **OBJECT CARPET**'s Greencard collection is a prime example of innovative, practical sustainability in the carpet industry. Its consistent focus on the principles of the circular economy can now be fully demonstrated through the Material Health Statement®."





Photos: OBJECT CARPET

## About **OBJECT CARPET**

Since 1972, **OBJECT CARPET** has stood for quality, design and innovation in the commercial and home sectors. A sense of aesthetics and color, in combination with advanced production techniques, results in elegant and unusual designs in the form of rugs, carpet tiles and custom-cut carpets (RUGX). With over 1,000 styles and colors as well as individually-customized products, the **OBJECT CARPET** collection offers a unique diversity for modern interior design, manufactured from high-quality raw materials. All **OBJECT CARPET** styles are also free from harmful emissions and are bitumen-free, latex-free, and PVC-free. They bear the German Environment Agency's Blue Angel ecolabel. **OBJECT CARPET** products are also recommended by the TÜV (German Technical Inspection Association) for allergy sufferers and are proven to reduce dust content and particulate matter. Partners and customers around the world, such as Porsche, Daimler, Google and Adidas appreciate this, as do initiatives like "Healthy Seas".

The use of recycled materials and the systematic conversion of the product range to recyclable products have now become standard practice for **OBJECT CARPET**. The company set a milestone in 2022 with NEOO, the first completely circular carpet for the commercial sector. Eight years of development work together with NIAGA® produced a mono-material carpet that raises the bar for circularity. Building on this pioneering achievement, **OBJECT CARPET** has now gone one step further: DUO technology introduces the next generation of recyclable carpets. It consists of just two easily separable layers and combines maximal design versatility with minimal use of materials. The vision: step by step, the range is being converted to recyclable products – much of it already by the end of 2026.

Numerous design and business awards, such as the renowned Good Design and Red Dot Awards, attest to **OBJECT CARPET**'s outstanding design competence and corporate achievements. For example, **OBJECT CARPET** was chosen as one of the "top 50 German luxury brands" by Ernst & Young and voted one of the "brands of the century" by Langenscheidt. **OBJECT CARPET** has also been an official partner of the Berlinale for many years, where its carpets not only ensure that the stars make a glamorous appearance but also help reduce the environmental footprint of Germany's largest film festival.

With innovative production techniques and sustainable manufacturing methods, **OBJECT CARPET** is a pioneering enterprise that enables design visions to become reality. Experience **OBJECT CARPET**'s world of color and materials in any one of the company's showrooms in Germany, Austria, and Switzerland.

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