

SUSTAINABILITY

PLEXIGLAS®
THE ORIGINAL BY RÖHM

An aerial photograph of a lush green forest with a winding river or stream cutting through it. The trees are dense and vibrant green, and the water is a deep blue-green color. The overall scene is a natural, healthy ecosystem.

Acting sustainably is essential if we are to preserve natural resources for future generations. PLEXIGLAS® products contribute towards finding solutions to the challenges of our time.

Why PLEXIGLAS® is sustainable

Environmentally compatible production

The production of PLEXIGLAS® is environmentally friendly and saves resources. For example, we recycle nearly all internal production waste as key materials.

Long service life

PLEXIGLAS® is highly weather resistant and can therefore be used in many applications for a very long time. This is reflected in our 30-year guarantee on almost all colorless, transparent PLEXIGLAS® products. Production of a replacement product is thus delayed, which in turn saves resources.

No health risks

PLEXIGLAS® contains no ingredients that are hazardous to health, such as heavy metals, hormone-like substances (BPA), formaldehyde, PCB etc., and therefore poses no health risks. Even in case of fire, thanks to its components,

PLEXIGLAS® does not develop acutely toxic fumes or thick, view-obstructing smoke.

No mass plastic

PLEXIGLAS® is a valuable high-performance material which is mainly used to manufacture high-quality, durable consumer goods. Unlike many other mass and packaging plastics, PLEXIGLAS® therefore contributes to protecting the environment.

Easily recyclable

PLEXIGLAS® products are generally pure, making them suitable for classic recycling. Chemical recycling even enables new PLEXIGLAS® products to be produced at near equivalent quality – a process that is only possible with a limited number of plastics.

Nearly zero waste

PLEXIGLAS® accounts for significantly less than one percent of the entire plastic waste in Germany, according to an independent market analysis. Plastic waste is considered one of the main sources of microplastic and marine litter.

More information

Find out more on the environmental effects of PLEXIGLAS® throughout its entire service life at www.plexiglas.de/eco.

PLEXIGLAS® meets standards

The production of PLEXIGLAS® products complies with REACH and is certified in accordance with DIN EN ISO 9001 (Quality), DIN EN ISO 50001 (Energy) and DIN EN ISO 14001 (Environment).

Transparent and traceable

Institut Bauen und Umwelt e. V. (IBU) has published an Environmental Product Declaration (EPD) for solid PLEXIGLAS® sheets. It describes the environmental effects of the brand acrylic glass and is therefore a transparent, independent and traceable source, for example for architects and developers who want to compare different products during the planning phase. The information also serves further purposes such as providing a basis for the sustainability assessment of buildings.



The EPD can be downloaded free of charge from the IBU website and at www.plexiglas.de/eco.

UN Sustainable Development Goals: How PLEXIGLAS® supports sustainable action



The United Nations' 2030 Agenda for Sustainable Development aims to shape global economic progress in a socially just manner and within the Earth's environmental limits. At the heart of this agenda are 17 Sustainable Development Goals (SDG). These goals are to be achieved by 2030 through the joint efforts of states, companies and civil society. We at Röhm GmbH are also contributing toward this necessary change – through both our PLEXIGLAS® products and our company's sustainability strategy.

Röhm GmbH

Acrylic Products

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® = registered trademark. PLEXIGLAS® is a registered trademark of Röhm GmbH, Darmstadt, Germany.

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The paper is certified with the Blue Angel ecolabel, among others.



Find out which SDGs are particularly relevant for us and how PLEXIGLAS® supports sustainable action at www.plexiglas.de/eco.

