



SMILE PLASTICS ENVIRONMENTAL SELF DECLARATION

Introduction

Smile Plastics is a pioneering materials design company specialising in transforming waste into unique, sustainable decorative panels and surfaces. Our mission is to inspire and encourage sustainable practices in the design and manufacturing industries by demonstrating the beauty and potential of recycled materials. We are committed to reducing our environmental footprint while delivering high-quality, innovative products that promote sustainability.

Environmental Commitment

1. Use of Recycled Materials:

At Smile Plastics, we prioritise the use of recycled raw materials in our products. Our panels are made from pre- and post-consumer plastic, each material made from one polymer type to ensure recyclability at the end of its life. By giving new life to waste materials, we reduce the demand for virgin resources and help divert waste from landfills.

2. Sustainable Manufacturing Processes:

We continuously strive to minimise the environmental impact of our manufacturing processes. This includes optimising energy efficiency, reducing water consumption, and minimising waste production in our facilities. We are committed to using renewable energy sources wherever possible and are constantly exploring ways to further reduce our carbon footprint.

3. Product Longevity and Circularity:

Our products are designed with durability and longevity in mind, ensuring that they can be used for many years without needing replacement. We also embrace the principles of the circular economy by encouraging the recycling and repurposing of our products at the end of their life cycle, thus closing the loop on material usage.

4. Transparency and Reporting:

Smile Plastics is committed to transparency in our environmental practices. We regularly assess and report on our environmental impact, including material sourcing, energy usage, and waste management. We engage with third-party organisations to verify our claims and ensure that we meet or exceed industry standards for environmental responsibility – as supported by our verified EPDs and ISO accreditations.

5. Innovation and Continuous Improvement:

We are dedicated to innovation in sustainable materials and processes. Our research and development efforts focus on finding new ways to improve the environmental performance of our products and operations. We actively seek feedback from our stakeholders and collaborate with partners to drive continuous improvement in all areas of our environmental impact.

6. Community Engagement and Education:

Smile Plastics is committed to raising awareness about the importance of sustainability in design and manufacturing. We engage with our community, clients, and the wider industry to share knowledge and inspire sustainable practices. Through workshops, partnerships, and educational initiatives, we aim to empower others to make environmentally responsible choices.

Conclusion

Smile Plastics is dedicated to leading by example in the pursuit of environmental sustainability. Our commitment to using recycled materials, sustainable manufacturing practices, product longevity, and transparency reflects our belief that the design and manufacturing industries have a critical role to play in addressing global environmental challenges. We will continue to innovate and push the boundaries of what is possible with sustainable materials, always striving to make a positive impact on the planet.