



VikuGreen acrylic

VikuGreen acrylic is our new generation of environmental friendly cast acrylic sheets, produced 100% with R-MMA (recycled methyl methacrylate monomer).

The protection of our planet and the goal of a more sustainable future are among the most important aspirations both for consumers and for companies worldwide.

The challenge that we embraced was to redefine how cast acrylic sheets were produced and in the process create added value for our distributors, our customers.

The **VikuGreen acrylic** production starts by collecting PMMA (polymethylmethacrylate) scraps from processing or from post-consumer, giving "waste" a new life. The recycled MMA is obtained by the "cracking" process that recovers from PMMA the original solvent.

The use of "waste" to generate new materials is an important step for a more sustainable future as it provides:

- reduction in the use of raw materials.
- re-utilization of products at the end of their life-cycle and processing waste.
- respect for the environment and its primary resources.
- reduction for the wastes sent to landfill or incineration.

VikuGreen acrylic is made from 100% recycled raw materials (recycled methyl methacrylate monomer) and can be recycled over and over again.

VikuGreen acrylic has been developed in collaboration with Italian and German universities.

VikuGreen acrylic has the same mechanical and physical properties as cast acrylic sheets produced with synthetic monomer (MMA).

VikuGreen acrylic complies with ISO 7823.1

VikuGreen acrylic is VOC and HFC free.

VikuGreen acrylic manufacturing uses less water and generates less CO₂, than cast acrylic sheets produced with synthetic monomer (MMA), reducing significantly the carbon foot print.

Fabrication

VikuGreen acrylic looks, performs, fabricates and lasts as long as standard virgin acrylics. All kind of machining such as laser cutting, bonding, thermoforming, digital printing can be done without any problem.

Advantages

VikuGreen acrylic is the first 100% recycled cast acrylic, that respect sustainable development offers a wide range of products that can be applied in the most sophisticated applications and performs in any machining process.

