



Transolid and Sustainable Design

Transolid, Div. is committed to sustainable design in our efforts to preserve and improve the quality of the indoor and outdoor environment. All of Transolid's materials and products, in both residential and commercial applications, contribute to good practices of sustainable design.

Transolid, Div. pursues the integration of environmental awareness at every level of our business, from manufacturing and shipping processes to building environments and office management policies. We are continually seeking ways to minimize our environmental impact, reduce our use of resources, use recycled resources whenever possible, and connect people to the environment.

Sustainable Design

Transolid materials promote healthy indoor air quality.

All Transolid materials are inert products that do not emit volatile organic compounds (VOCs) during or after installation. The quality of the indoor environment is greatly improved by avoiding any materials that will off-gas pollutants and compromise air quality. Transolid materials help to limit toxins in the indoor environment, which can help projects earn LEED points.

Transolid materials are exceptionally durable.

By committing to the highest possible standards of wear and durability, Transolid helps to limit the amount of wasted building material entering landfills each year. Products that last longer help to reduce waste, leading to less consumption and energy and energy-intensive manufacturing.

Transolid materials are renewable. Transolid® Solid Surface is solid throughout the entire thickness of the material. Minor stains and scratches can be removed with little maintenance, increasing the usable life of the product. Even after significant wear and tear, Transolid® Solid Surface can be renewed to retain its beauty for a lifetime.

Transolid materials are non-porous, non-toxic, and non-allergenic. Transolid® Solid Surface and Natural Quartz are non-porous materials. Any toxins and materials that sit on the surface will not be absorbed and re-released into the air (which could compromise the quality of the indoor air environment). In addition, the lack of porosity makes these materials stain-resistant, so they will have a much longer life-cycle.

Transolid materials are easy to clean and maintain.

Transolid materials require very little maintenance, minimizing their environmental impact. A small amount of detergent is required to clean them, and harsh chemicals are never recommended.

Transolid materials connect humans to the natural world.

Transolid® Natural Quartz and Natural Granite come directly from nature, connecting the indoor space to the outdoors and connecting people to their environment.

LEEDS Green Building Rating System

Transolid materials can help satisfy the requirements of good green-building practices, including several LEED credits:

EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants

Intent: Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

Transolid adhesives do not emit indoor contaminants and meet GreenGuard standards.

MR Credit 2.1: Construction Waste Management: Divert 50% From Disposal

MR Credit 2.2: Construction Waste Management: Divert 75% From Disposal

Intent: Divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

Transolid® Solid Surface is made to order in the factory, which eliminates fabrication waste on site. On average, only 3% of our solid surface material cannot be used on site. All packaging and shipping materials can be recycled. Total waste diversion rate averages 97%.

Long-Term LEED Opportunities:

MR Credit 1.3: Building Reuse: Maintain 50% of Interior Non-Structural Elements

Intent: Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

Transolid materials are exceptionally durable and renewable, giving them a very long life-cycle. Materials can be re-configured and used during and after a renovation.

MR Credit 3.1: Materials Reuse: 5%

ME Credit 3.2: Materials Reuse: 10%

Intent: Reuse building materials and products in order to reduce demand for virgin materials and to reduce waste, thereby reducing impacts associated with the extraction and processing of virgin resources.

Transolid materials are exceptionally durable and renewable, giving them a very long life-cycle. Materials can be re-configured and used during and after a renovation.

