Durasein

Greenguide

We’re not only solid surface manufacturers, we’re humans

And we’re taking steps to help protect the health of people and our planet while helping you create your dreams.

by the numbers

181 metric tons

200 tons

of waste materials get reused in our products each year.
We recycle much of our off-cuts by grinding them up into chips that can be reused to color new materials.

1,814 metric tons

2,000 tons

of other manufacturing waste is reused by other companies.
We donate or sell more off-scraps, off-cuts, and even dust and sludge from sanding and polishing to other manufacturers.

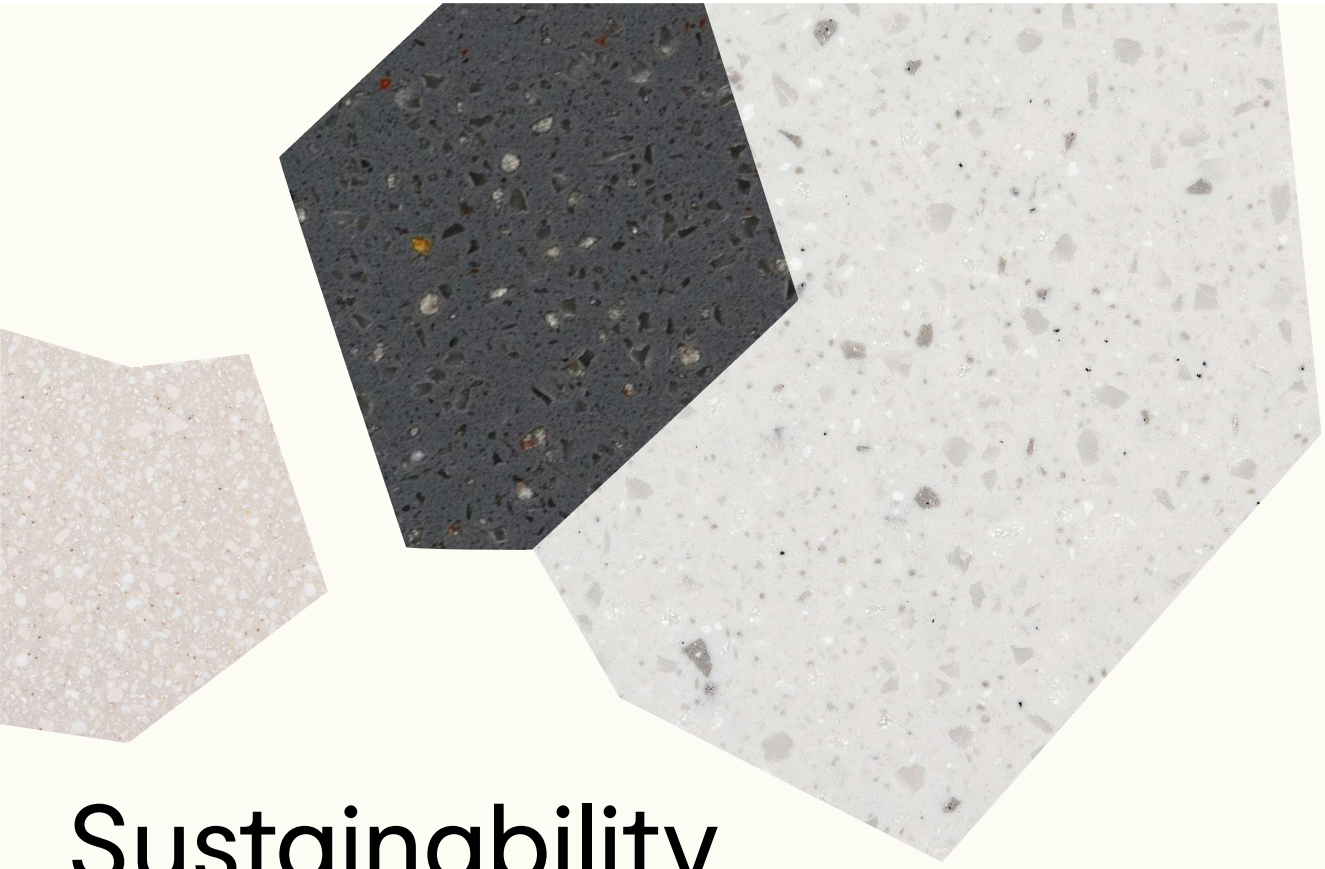
100%

of our waste water is filtered, reclaimed, and recycled.
We treat all of our waste water from grinding, sanding, and polishing, cycling it back through our system to save 108,000 tons per year.

1600kw

clean energy powers our plant every year.
priority at Durasein, so we're installing a photovoltaic roof to generate energy for our plant.

Making your best work better for everyone



Sustainability in the mix

Starting with the material we make, is important. Not just steps after to redeem it.

Durasein is made to be recycled, non-toxic and low VOC. Composed of a blend of two-thirds alumina trihydrate (from the natural ore bauxite) and one-third high performance 100% acrylic resin and pigments.

No hidden bad stuff. Designed to perform among the best, with the best of intentions.

composition

alumina trihydrate

acrylic resin and pigments

Performance for a better planet

Easy to clean
Low maintenance, stain resistant, and chemical resistant

Smart surfacing
Renewable, repairable, recyclable, and reusable

Built for dreamers
Limitless colors, seamless, translucent, and thermoformable

Tough as nails
Impact resistant, scratch resistant, heat resistant and fire resistant

Safe & protected
Food safe, non-toxic, non-porous, anti-bacterial, low VOC, and mold/mildew resistant

Notable marks
Greenguard, Greenguard Gold, NSF-51, ISO 9001, USGBC, ISFA, and a 10-year warranty

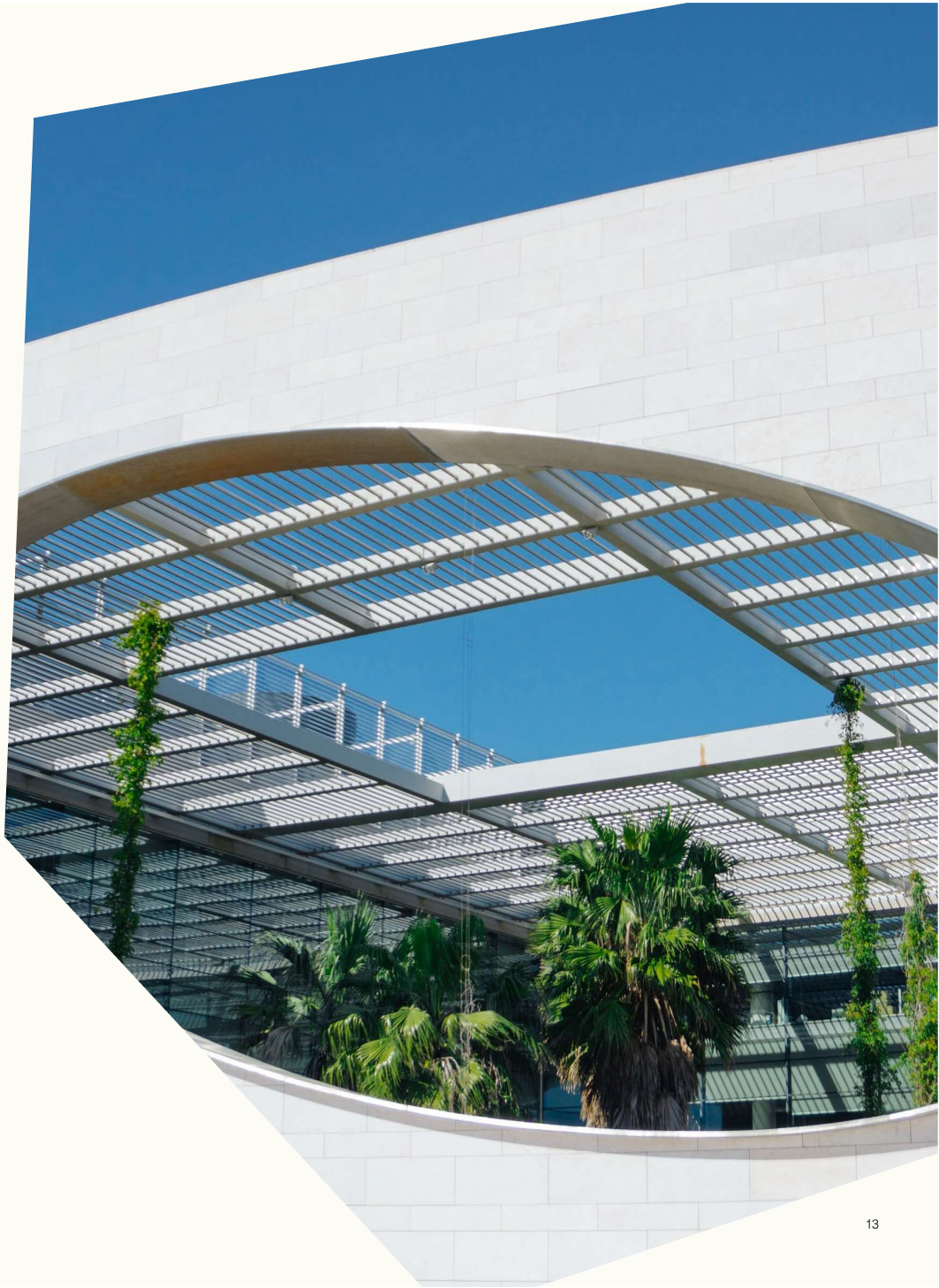
Built to breathe easy

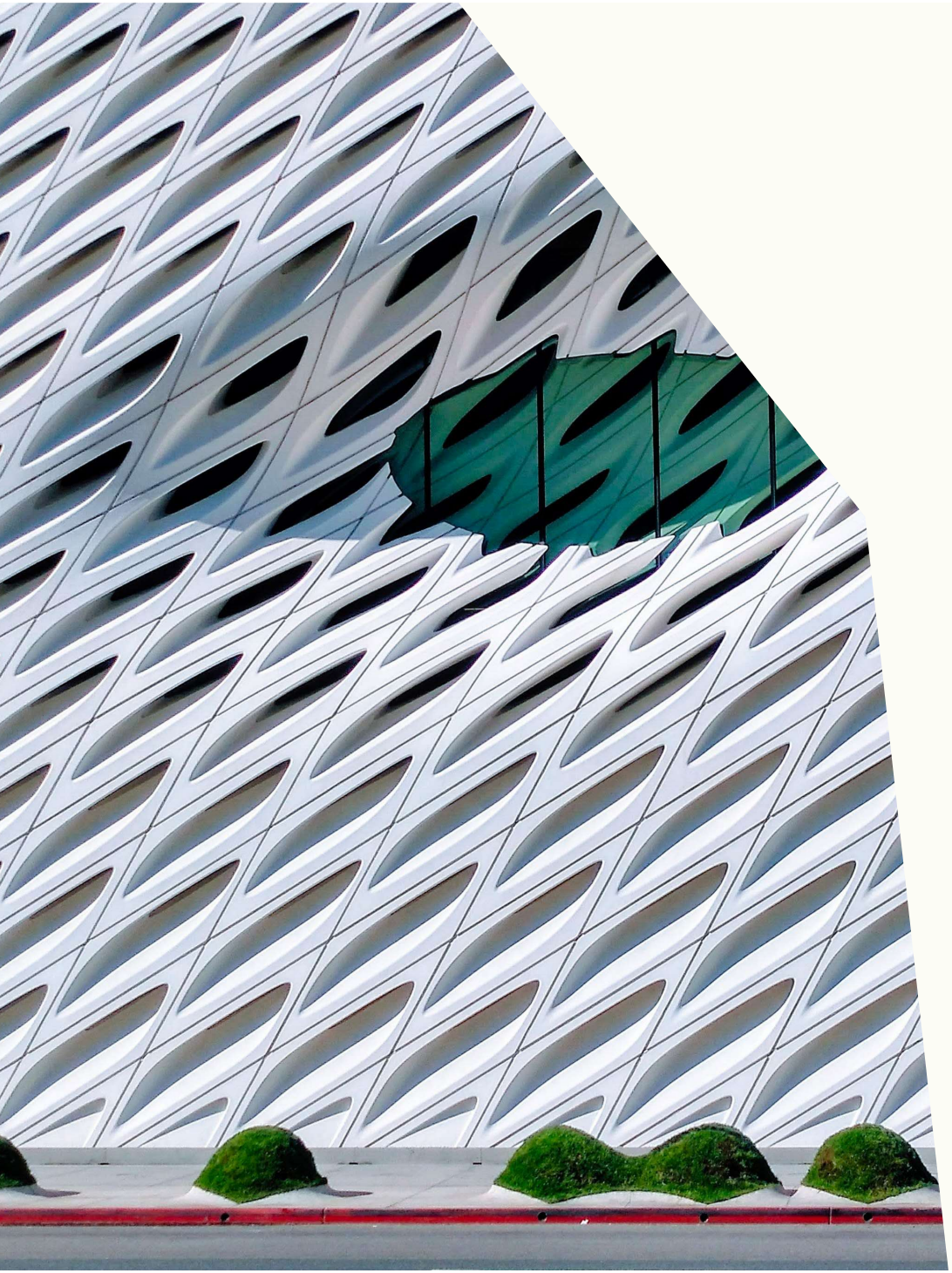
From air quality to food safety, Durasein is engineered to maintain a safer environment for human health.

Zero emissions and formaldehyde
Durasein is GREENGUARD and GREENGUARD GOLD Indoor Air Quality-certified to have low chemical emissions, and EN ISO 16000-9 testing also showed that there were no traces of harmful substances in our product. Both our material and the cured adhesive used in installation are 100% free of formaldehyde and volatile organic compound (VOC) emissions.

Free from nanoparticles
Amid new concerns that prolonged exposure to nanoparticles may lead to health issues such as lung inflammation or heart problems, it's reassuring to know that Durasein solid surface is totally free of nanoparticles.

Food-safe
Durasein is NSF-51 certified to ensure that it's safe for food equipment and food contact.





Engineered for the long run

We live by the words waste not, want not. From installation to expected product life, our goal is to deliver exactly what you need without adding to the waste stream.

Installation
Since our product can be seamlessly joined, we can save cut-off pieces and use them in other projects instead of putting them in the scrap pile.

Durability
Our product is made to resist scratches, dents, heat damage, chemicals, moisture, and many other things that cause other materials to fail. In fact, it's so durable that we back it with a limited warranty of 10 years, giving you ages of performance instead of frequent replacements and waste.

Repairable and Recyclable
Should some type of damage occur, Durasein is also easy to repair on-the-spot. And when you are done, it can be recycled into future building materials.

Our certifications

GREENGUARD Certification emissions limits were first used as purchasing specifications for the EPA and the state of Washington for furniture and commercial building products. GREENGUARD Certification criteria have been the basis for the LEED credit for low-emitting furniture since 2002. Office furniture products that are GREENGUARD Certified are also compliant with the Business and Institutional Furniture Manufacturers Association (BIFMA) X7.1 standard and BIFMA e3 credit 7.6.1.

The GREENGUARD Gold Certification standard includes health-based criteria for additional chemicals and also requires lower total VOC emissions levels to help ensure that products are acceptable for use in environments like schools and healthcare facilities. In addition to limiting emissions of more than 360 VOCs and total chemical emissions, GREENGUARD Gold Certified products must also comply with requirements of the state of California's Department of Public Health (CDPH) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2 (2017)" (also known as California Section 01350). Office Furniture products that are GREENGUARD Gold Certified are also compliant with the BIFMA X7.1 standard and BIFMA e3 credits 7.6.1, 7.6.2, and 7.6.3.

Products bearing an NSF certification mark meet all standard requirements, including product testing and regular inspections to verify products continue to comply with the standard. The NSF mark provides assurance that a product was impartially reviewed to established standards or guidelines. Confirms that product labeling and claims have been objectively verified by a trusted third party. Differentiates a product from the competition, offering a market advantage. Demonstrates an organization's commitment to quality, compliance and safety. And is backed by a team of professionals dedicated to public health and safety operating in more than 180 countries.

REACH stands for the Registration, Evaluation, Authorization, and Restriction of Chemicals. The regulation was created by the European Chemicals Agency (ECHA) of the European Union (EU) and became effective June 1, 2007. This regulation was adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals.

At the center of REACH is a list of chemicals identified as being a health and/or environmental risk. The list originated with seven RoHS chemicals restricted for use in electrical and electronic equipment (EEE) and has expanded to include 209 industrial and consumer chemicals. Updated twice per year in January and July, it's known as the Substances of Very High Concern (SVHC). An additional list known as Substitute It Now (SIN) includes chemicals being evaluated that may be added to the SVHC list in the future.

ISO 9001 sets out the criteria for a quality management system and is the only standard in the family that can be certified (although this is not a requirement). It can be used by any organization, large or small, regardless of its field of activity.

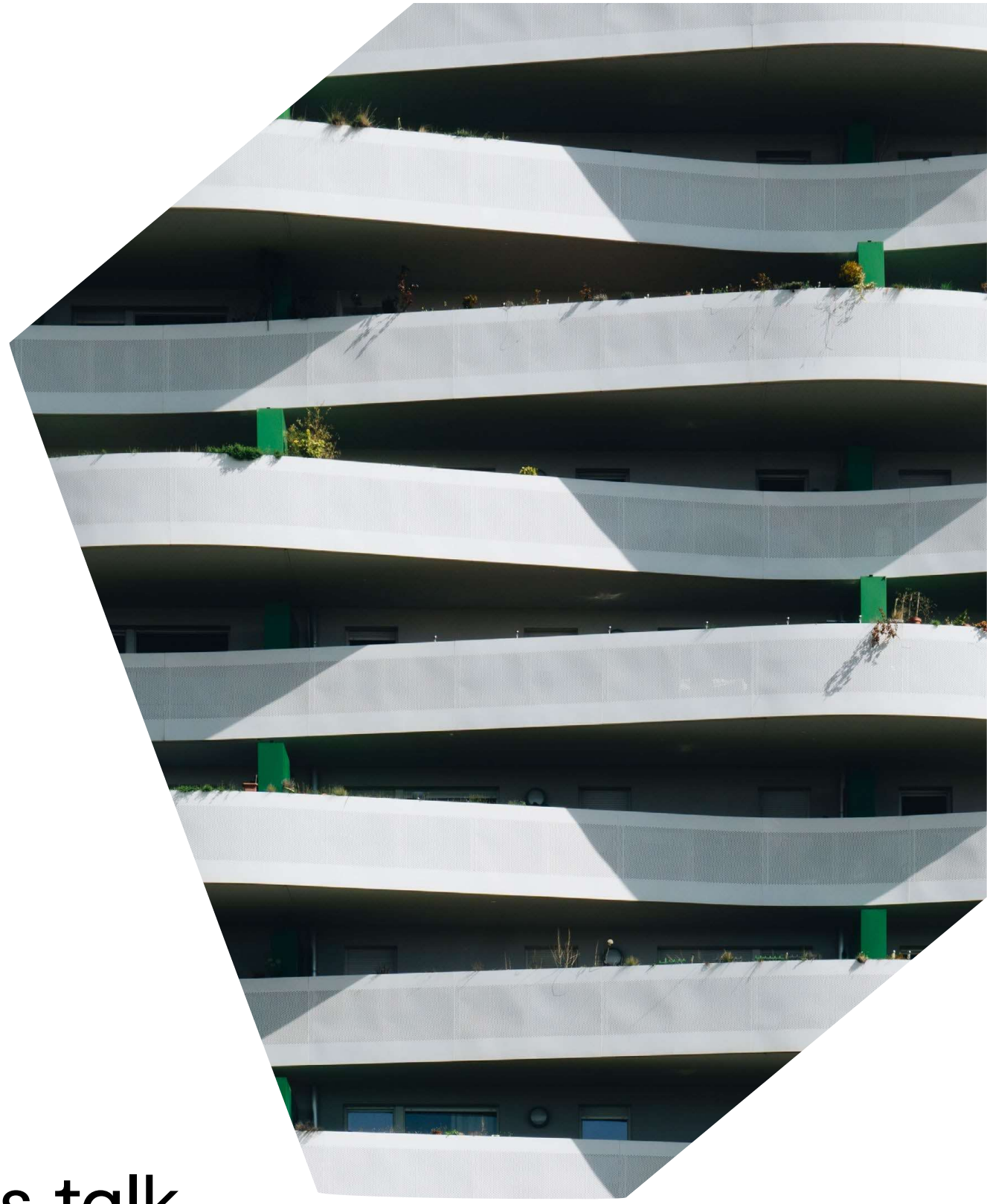
This standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement. Using ISO 9001 helps ensure that customers get consistent, good-quality products and services.

Health Product Declaration® (HPD) Collaborative is a not-for-profit, member association with over 330 organizational members, representing the full spectrum of the building industry: architects, designers, building owners, manufacturers, consultants, information systems, researchers and others who all share a common purpose: to improve the transparency of information and material health in buildings and the environment.

The International Surface Fabricators Association (ISFA) is globally recognized as a premier trade organization serving the manufactured surface industry. ISFA exists to help fabricators and other industry professionals improve safety measures, increase product quality, encourage professionalism and elevate profitability by facilitating education, standards and camaraderie. ISFA values innovation, dependability, trust, honesty, ethics, and serving others above all else.

The acronym LEED stands for Leadership in Energy and Environmental Design. Developed by the U.S. Green Building Council (USGBC), LEED is an internationally recognized green building certication system, providing third-party verication that a building or community was designed and built using strategies aimed at improving performance across all the metrics that contribute to a sustainable, healthy environment: energy savings, water effciency, CO2 emissions reduction, improved indoor environmental quality, stewardship of resources and sensitivity to their impacts.

A greener future begins with us



Let’s talk

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