



Designed for possibilities.
Made for people.

2023 edition

Altro's sustainability vision

building better futures



Welcome to our
sustainability story

Our sustainability vision: Building better futures

Here at Altro, we are committed to reducing our carbon footprint, increasing our sustainability activities, and advancing our environmental, social and ethical performance.

To demonstrate our commitment to reducing our carbon footprint and increasing our sustainability actions, we are working towards key targets by 2030. These targets are:

- **Reducing our carbon footprint**
For all our facilities, becoming carbon neutral for scope 1 and 2 through a combination of increased efficiencies and renewable energy.
- **Corporate Social Responsibility**
To have a positive impact on society as a whole and the communities we work in.
- **Recycling**
To offer circular economy solutions, and provide adhesive-free options in all our floor and wall product ranges.
- **Formulation**
To achieve 30% recycled and bio-sourced content in our product portfolio.

Our mission to build better futures

We are committed to develop and innovate from within, reducing our carbon impact, supporting the wellbeing of our international teams and improving the quality of life for more vulnerable communities around the world.



2% of all global profits annually are donated to the Altro Foundation.



In 2021, Altro had 40 employees with over 25 years' service.



Altro employees can spend one day per year providing voluntary support to local charities.



In 2020, Altro championed the Starfish Greathearts Foundation to support the Wellness Wagon Mobile Clinic.

Reducing our carbon footprint

Recofloor have collected **6,400 tons** of waste vinyl flooring resulting in

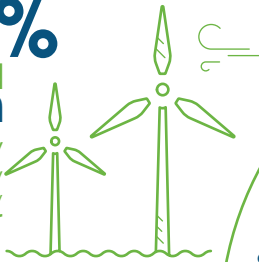
7,038 CO₂ saving

109 tons of carbon saved by diverting waste from landfill

99% reduction in our manufacturing water consumption since 2000



100% certified green electricity provided by our UK energy provider



Product development

97% of our floors products sold in 2021 contained **bio-based and/or recycled content**

100% ortho-phthalate **FREE** vinyl floors



0% lead, cadmium, formaldehyde, hexavalent mercury or chromium in our safety floors and walls

100% of Altro construction safety floors contain a **bioplasticiser** which comes from corn



100% recyclable post-consumer

50% time-saving, 35% cost-saving



Recycling

Co-founder of Recofloor recycling scheme



zero waste to landfill at our UK manufacturing sites

Offcuts of Altro walls are recyclable **100%**

Founder of Recowall recycling scheme



Offcuts of Altro PVC-based products are **100% recyclable**



Our safety flooring is wrapped using **100% recyclable packaging**



Environmental responsibilities

As a family-owned business, we've always taken our environmental responsibilities very seriously. We actively reduce environmental impact at every stage of the manufacturing process.

We rely on our trade associations to keep us up-to-date on important industry trends, new legislative rulings and advances in technology. This creates better and therefore more environmentally friendly standards for our industry.

To reduce the negative impact of internal and external processes on the environment we are also members of:

- USGBC (United States Green Building Council)
- CaGBC (Canada Green Building Council)
- ERFMI (European Resilient Flooring Manufacturers Institute)
- UKRFA (UK Resilient Flooring Association)
- Vinyl Plus
- Recofloor – co-founder
- Recowall – founder

A dramatic mountain landscape. The foreground shows a dense forest of evergreen trees. The middle ground is dominated by a large, dark, rocky mountain slope. In the background, a jagged mountain peak is covered in snow, set against a sky with soft, pinkish clouds. The overall mood is serene and majestic.

Transforming spaces
to enhance people's
emotional + physical
wellbeing



Actively reducing
resource
consumption

Resource efficiency

As a successful business and a sustainable manufacturer, it is important to make efficient use of the resources we consume. Altro continually improves its methods and manufacturing processes to better use our resources and to reduce our impact on the environment. Our recent environmental achievements include:

Waste

- Since 2014 we achieved a zero waste-to-landfill policy.
- By including post-consumer and pre-consumer recycled content into our products, Altro is able to divert 900 tons of glass (wine bottles) and 500 tons of vinyl destined for landfills every year.
- With every sample sent out, Altro includes free shipping labels and instructions for AltroSampleWise, our sample take-back program.

Water

- Rainwater capture systems have been installed on the roof of our manufacturing plant to reduce our use of potable water in our production process.
- We have achieved a 99% reduction in water consumption in our manufacturing process since 2000.

Energy

- Energy efficiency is a key factor in product development and the manufacturing process. We have made significant carbon savings with our energy efficiency program.

Packaging

- All Altro flooring is wrapped using 100% recyclable packaging.



Recycling programs

We would like you to help us reduce our impact on the environment by returning your samples when you no longer need them. We will reinvest these, either by passing them along to someone else or finding another way to use them.

Recofloor

Altro is a co-founding member of Recofloor, the industry's vinyl take-back scheme that collects safety and smooth vinyl offcuts and uplifted smooth vinyl, diverting them from landfill. The waste vinyl flooring can come from flooring contractors, distributors and large construction sites including retail refurbishments using reverse logistics.

Recofloor recycle these off cuts back into new flooring products, and uplifted vinyl goes into production of traffic calming products like road cones and road sign bases. Recofloor has collected and recycled more than 6,000 tons of vinyl flooring over the last 12 years. That's saving 7,041 tons of CO2 or taking 1,838 cars off the road. The amount of waste vinyl collected could cover 276 soccer fields!

Altro SampleWise

Altro SampleWise At Altro, sustainability is one of our guiding principles and lies at the heart of everything we do. Growing out of a long standing commitment, we strive to reduce the impact our activities and products have on the environment. That's why we created Altro SampleWise, our sample return program.

Altro SampleWise is a way for our customers to return samples they are done with, rather than discarding them. It's good for the environment and it costs the customer nothing, it's all prepaid shipping.



Altro partners with Norwich Plastics

A new stride towards Altro's sustainability vision

We're excited to announce that Altro has partnered with Norwich Plastics to start our first-ever North American vinyl flooring recycling program. Twenty rolls of discontinued Altro slip-resistant sheet vinyl flooring were successfully diverted from a landfill and recycled into pre-consumer recycled content that can be used in other industries in the future.

Norwich Plastics has been specializing in PVC recycling since the 1990's and has been recycling plastics since 1986. Working with vinyl product manufacturers like Altro, Norwich Plastics reclaims and reprocesses over 40 million pounds of PVC from waste each year.

Norwich Plastics removes the fiber glass scrim backing and then grinds up the flooring material into tiny pellets. These pellets are then stored and sold to other industries seeking recycled material. Currently they have around 6+ million pounds of pelletizing capacity available in Ontario and about the same in their Tennessee facility.

The recycled flooring material will be stored and sold to other companies looking for recycled material. While the customers will change overtime, the current markets to use these materials in are in hose and tubing applications and injection molding for automotive and consumer products.

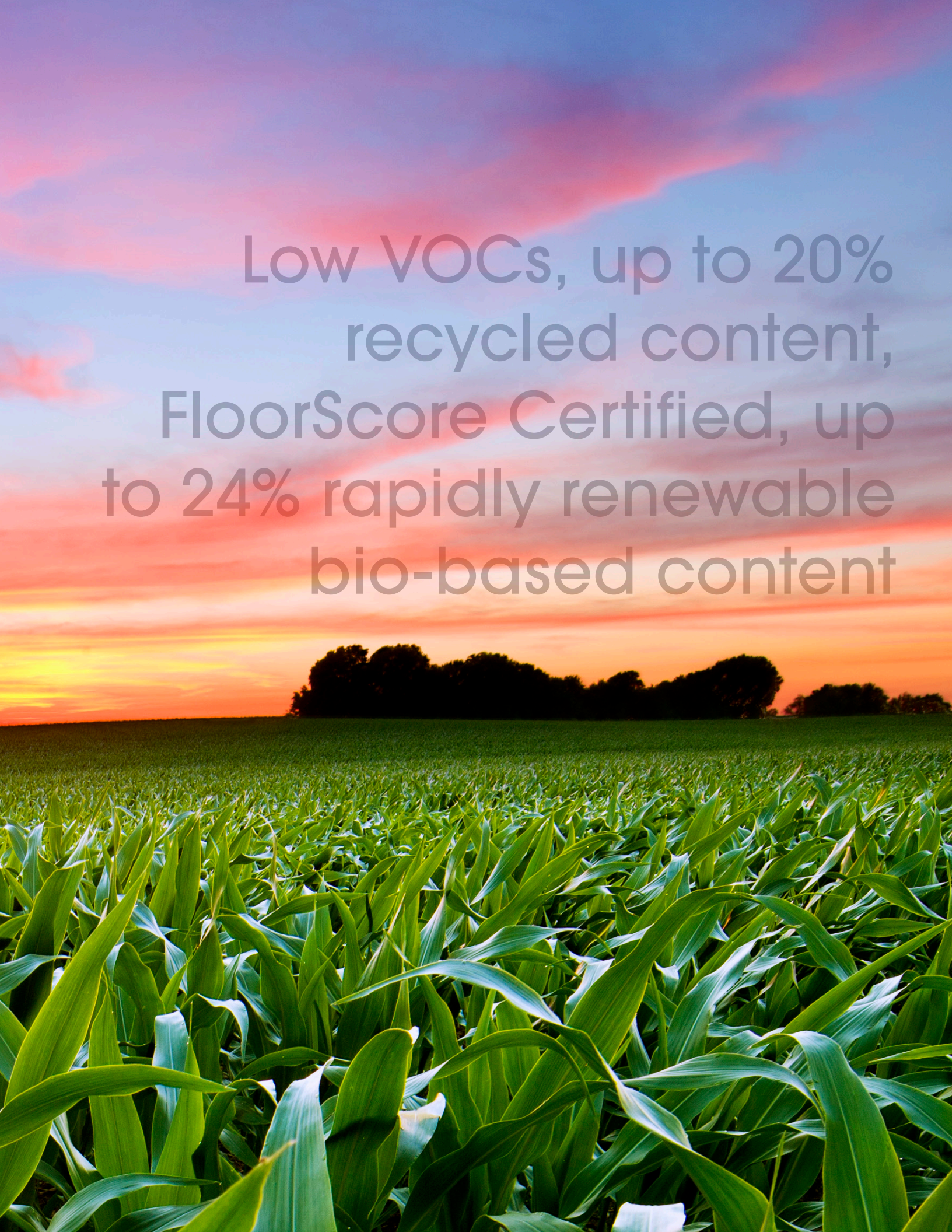
Recycling technology like the kind used by Norwich Plastics proves that vinyl is a sustainable and recyclable plastic and demonstrates the capability to recycle PVC is here. At Altro we believe it is imperative that we continue to promote these benefits to the public and to our industry. We hope that this partnership begins a new chapter in Altro's sustainability vision, helps to expand vinyl recycling in North America and helps similar manufacturers to do the same.



Sustainable attributes of Altro products

- No heavy metals – contains no lead, cadmium, mercury, or hexavalent chromium.
- Ortho-phthalate-free – we do not use ortho-phthalates in the manufacturing of our flooring or wall products.
- Bio-based ingredients – our flooring products now include as much as 24% rapidly renewable, bio-based content.
- Derived from maize and sugar beets, our bio-based plasticizer is responsibly grown in Europe and is not destined for human consumption.
- Recycled content – Altro flooring contains up to 20% recycled material.
- Low VOCs – Altro flooring complies with FloorScore certification as well as the CA 01350 and CDPH test methods.
- Our wall systems are also low-VOC and comply with the CA 01350 standard. In fact, VOC emissions for Altro Whiterock have been found to be below detectable limits.
- Adhesives used to install Altro floor and wall products are also low VOC emitting and comply with federal standards such as SCAQMD Rule 1168.
- Off cuts and scrap Altro flooring can be 100% recycled directly at our manufacturing facility.
- Altro Easyclean technology, built into our products, significantly reduces cleaning costs and reduces their long term impact on the environment.





Low VOCs, up to 20%
recycled content,
FloorScore Certified, up
to 24% rapidly renewable
bio-based content

The VOC epidemic and green buildings

Five separate studies evaluating the impact of improved indoor air quality on asthma found an average reduction of 38.5%. For this reason the importance of using low emitting materials is even greater in new green buildings than it is in renovations. Finishes that meet and exceed emissions standards and use low VOC cleaning regimes are greatly preferred in these projects.

FloorScore + VOCs

Indoor air quality, VOCs, FloorScore and CA 01350

When we choose products to install inside a building, indoor air quality is a big factor. This is because people spend up to 90% of their time indoors and are far more likely to be affected by pollutants inside than out. Poor indoor air quality can be caused by a number of factors, including inadequate ventilation, poor cleaning, and excessive emissions from all building products like floor finishes, furnishings and wall coverings.

VOCs are organic compounds that are released into the atmosphere by some substances and products. It's thought that exposure to VOCs can cause problems like sick building syndrome, diminished learning in schools, and reduced productivity in offices. And, VOCs are typically five times more concentrated indoors than outdoors.

Altro safety flooring has undergone rigorous external VOC testing. It's compliant with national and international indoor air quality schemes including FloorScore, which is with Leadership in Energy and Environmental Design (LEED) in North America. All of our safety flooring and Altro Whiterock wall cladding are compliant. In fact, VOC emissions for Altro Whiterock are below detectable limits.

FloorScore

The FloorScore® program, developed by the Resilient Floor Covering Institute (RFCI) in conjunction with Scientific Certification Systems (SCS), tests and certifies flooring products for compliance with indoor air quality emission requirements adopted nation-wide. FloorScore is an accepted compliance path under the USGBC's LEED green building system for Credit 4.3.

Most flooring products in Altro's portfolio are FloorScore Certified and may help contribute to LEED Credits.

LEED

Sustainability is about so much more than just environmental issues. It encompasses both social and economic dimensions as well as environmental responsibility. Our sustainability program is a holistic approach to managing sustainability issues, considering our impact on all three aspects of sustainability and not just the environment.

LEED credits we contribute to:

- **Interiors Life-Cycle Impact Reduction NEW**
Altro adhesive-free flooring products and Altro Wall panels installed with Velcro® hook and loop fasteners may qualify for this LEED credit. These products, when installed per Altro's installation guidelines, can contribute to this credit as they are demountable and reusable.
MR Credit: Design for Flexibility and Disassembly, Option 3, **1 point**
- **EPD (Environmental Product Declaration)**
Altro supports the EPD initiative and has Product Specific Type III EPDs for the majority of our sheet vinyl flooring products including our sheet goods, our LVT Altro Lavencia and our rubber tile product Altro Ollero. An EPD is also available for our Altro Whiterock wall product family.
MR Credit: Building product disclosure and optimization - Environmental product declarations Option 1, **1 point**
- **HPD (Health Product Declaration)**
The HPD is a public statement of a product's content and the health hazards associated with exposure to its individual ingredients. It is intended to represent a way to gain greater transparency into the ingredients that make up building products. Altro has an HPD for all of our safety flooring products and is available by request.
MR Credit: Building product disclosure and optimization - Material ingredients Option 1 - HPD, **1 point**



Follow us



📍 **USA** 800 377 5597

📍 **CANADA** 800 565 4658

✉️ support@altro.com

🌐 www.altro.com

Content was correct at time of print. Altro reserves the right to change any detail. Please consult www.altro.com or your local Sales Representative for the latest product information.