

# Amtico Environmental Statement



# Amtico Environmental Statement Contents



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# Amtico Environmental Statement Sustainability

**Making an impact,  
just not on the  
environment.**  
Our commitment to  
sustainable business.

Amtico has always taken the initiative. We've built our name pioneering innovative manufacturing and design solutions for modern living. Sustainable business practice is an approach that underpins that. As industry leaders, it's natural we would set the standard for product efficiency, waste reduction and material innovation.



## Our Commitments

These commitments show how every relationship, process and practice is driving our business to a low-impact future.

### As a business, Amtico will:

- Prioritise the elimination of pollution and the reduction of waste and maximise the use of recycling and reprocessing.

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- Through the design process minimise the environmental impact of all new materials and products.

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- Maximise the usable lives of all of our collections and work towards sustainable solutions for the end of our products' lifecycles.

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- Use the latest technology to make more effective use of energy, resources and recyclable materials.

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- Be transparent in respect of our energy, waste and recycling performance.

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- Maintain a focus on sustainable development among colleagues and partners.

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- Promote the health and well-being of the Amtico team through a safe, progressive working environment.

# Amtico Environmental Statement Lifecycle



# Building efficiency into the product lifecycle. Making floors that last a lifetime.

Our ethos is to combine creativity and innovation with the highest levels of quality in design, manufacturing, product and service. We're committed to leading standards and dedicated to raising environmental awareness in the industry.



PERFORMANCE  
ASSURED

Thanks to the exceptional quality and durability our manufacturing excellence brings, we're so confident in the performance of our products we offer commercial warranties up to 20 years and a lifetime warranty on some residential collections.

## R&D



Continuous improvement is what drives our R&D team toward the development of new, more sustainable, recyclable products.

**Through our innovation culture, we focus on:**

- Designing out waste from the very start of the process.
- Ensuring our floors do not contribute to poor air quality in buildings by keeping their VOC emissions low.
- Working to ensure that product safety is paramount by insisting our PVC resin has low vinyl chloride monomer content.
- Maximising the lifetime of our products, to ensure that our products offer a long-term solution for our customers. As a result we are able to offer some of the longest warranties in the flooring industry.

5

VOC certificates

We've achieved more certification for our products than ever before, and every collection is VOC assessed.

## Suppliers



Our suppliers are our partners. Our relationships are built on a commitment to safe production processes and ethical supply routes – with everyone working to the same high standards we set ourselves.

**20%**  
by 2020

Our PVC suppliers are aiming to reduce their energy consumption by 20% by 2020.

### Safe, high-quality raw materials

When it comes to raw materials, we choose suppliers that are recognised and certified as suppliers of virgin PVC resin, which we use for its excellent performance and ease of processing. Our supplier relationships also support our commitment to develop phthalate-free products, use recycled additives and bio-based plasticisers.

### Suppliers committed to sustainability

Our UK factory uses EU-based suppliers who belong to [VinylPlus](#) – a body which brings together producers, suppliers and distributors of PVC to establish a long-term sustainability framework.

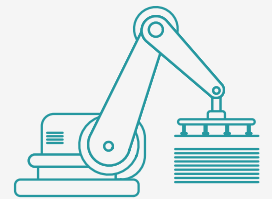


# Logistics



Our new purpose-built distribution centre at Pilot Park, Coventry, is a showpiece environmentally-friendly building. Rated as 'very good' under BREEAM, it features solar panelling, a cyclonic water irrigation system, a biodigester, and electric charge points for employee cars.

As well as allowing us to support the local community, the new centre has allowed us to effectively reduce touch points in our product lifecycle, saving handling times and significantly reducing average product journeys.



Adding robotics has improved workforce wellbeing and allowed us to increase production outputs.

# Manufacturing



In day-to-day manufacturing our dedicated experts perform 48 separate checks. Ranging from raw material input to customer delivery, these checks ensure every aspect of our manufacturing process is working to optimal efficiency.



Digitising our manufacturing processes has improved our efficiencies.

Making our floors in the UK means we are closer to our major markets; our service and quality is controlled and transport is fast and practical.

## Waste

As a responsible company one of our main priorities is to reduce waste, and we have made a significant investment in our factory processes in order to achieve that. We are fully committed to continuously improving our methods of reuse, recycling or ultimate disposal.

### Reuse and recycling

Up to 40% of all production waste is recycled back into the backing layers of our products. Any secondary waste is recycled off-site. When all other channels are exhausted we dispose of our general waste through RDF, landfill being a last resort.

Currently, around 60% of our packaging and printed material is made from recycled material. With every new product launch and new brochure we print, we are working to improve this. We ensure that almost 100% of our internal packaging is reused or recycled.

### Segregation and safe disposal

Working with partners who are able to use our waste in the manufacture of other products, we carefully select processors to recycle any production waste we can't reuse. These processors create materials which are made into tough and functional products like traffic cones or shoe soles.

### Why don't we take our floors back?

At the end of its life when a floor is replaced, it first needs to be removed from its subfloor. Due to the contaminating residues of adhesives and site waste, we don't currently have the ability to process this. Instead, we recommend safe disposal through third-party industry schemes like the vinyl take-back scheme Recofloor.

20%

Increase in recycled and reused production waste between 2016-2017.



Our specialist partners process any non-returnable material carefully. It then gets made into products around the world.

77%

waste reduction

was achieved through one Continuous Improvement project by changing the way we store our prints.

## Aftercare



Our floors come with long warranty terms and – in the case of our residential Signature collection – have a lifetime guarantee. Our experienced team of aftercare advisors offer vital support covering installation, maintenance, post-fitting and the technical aspects of how to maintain floors so that they last as long as possible.

As with every other aspect of Amtico's service, we ensure that we continually update and refine this advice in step with advances in technology and best practice.

### Warranties

Amtico Signature warranties reflect the products' long-term usability.



20YR COMMERCIAL WARRANTY



BREEAM accreditation achieved for Amtico Signature Spacia, Marine and Assura.



Phthalate Free

We've removed phthalates from our products as a health protection measure.

# Amtico Environmental Statement Energy



# Using less and achieving more. Energy efficiency from office to factory floor.

In the face of global climate change, it is the responsibility of every manufacturer to reduce their emissions. From investment in new energy-efficient equipment, to LED lighting upgrades, Amtico knows every saving we can make is important.

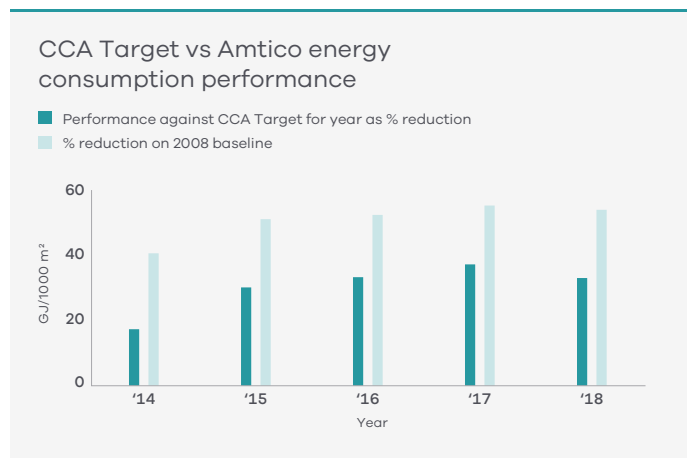
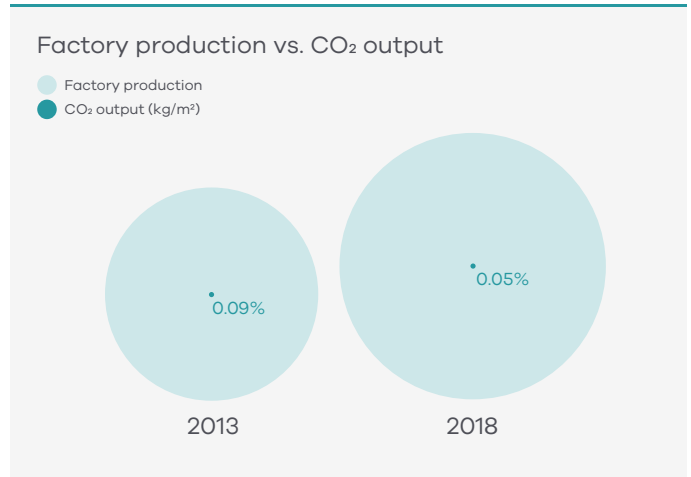


BRITISH  
EXCELLENCE

We're not just made in Britain,  
we're designed, innovated,  
and manufactured here.  
From our proud heritage  
comes an agile service and  
sustainable supply chain.



As a result of efficiency improvements such as using new compressors and chillers, we have saved on our energy usage and costs across our manufacturing facilities, and we're proud to say since the introduction of UK government targets we've consistently met and beaten them in our UK factory.



**52%**  
saving  
On energy consumption made in 2017.  
\*Based on our Climate Change Agreement target

# Amtico Environmental Statement PVC





# Pioneering the sustainable use of plastic.

Amtico pioneered the use of PVC in 1964 when we started making LVT floors. Since then we have continued to drive the evolution of versatile, high-performance flooring solutions.



EXPERT  
KNOWLEDGE

The unrivalled knowledge, expert support and bespoke service you'd expect from a market leader with over 50 years experience.



**What exactly is PVC?**

PVC or Polyvinyl Chloride is a polymer or plastic, used to make many durable products. Amtico combines it with plasticizers, additives and stabilizers to create LVT flooring.

We use PVC in a resin form and manufacture it into sheet, some being coloured with pigment, others as a clear wear layer. These are then laminated, UV cured and coated for extra scuff resistance and finally precision cut into our high-performance flooring planks and tiles.

**What are PVCs advantages?**

High-quality PVC makes for an extremely durable flooring product. Through lamination and recipe development, PVC flooring has the strength to withstand continual use in commercial spaces or busy homes. With a regular maintenance routine, it can last a lifetime.

**A certified low-emission product**

PVC is a safe material to use. Globally adopted for medical equipment, building materials and household products, it's non-absorbent, non-toxic and free from heavy metals. Amtico's PVC flooring products are specified, used and trusted by architects, designers, contractors, local government and professional bodies. You'll find our floors in thousands of healthcare, education, public and private buildings all over the world.

Typical use of PVC in Amtico LVT

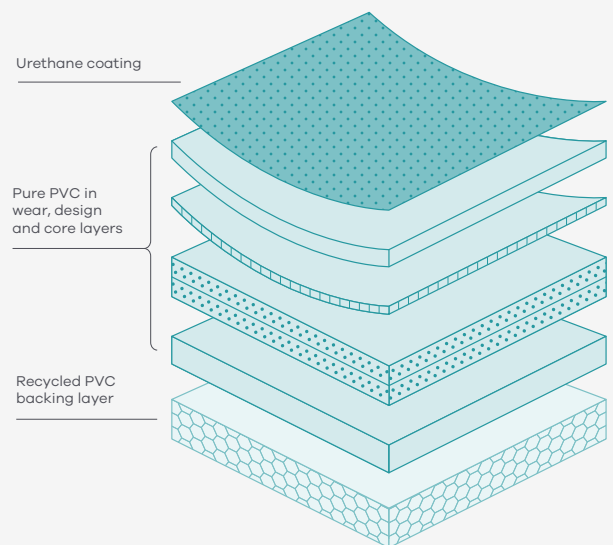


Illustration shows a typical LVT product based on our multiple performance system.

**The most energy efficient plastic**

PVC as used in LVT flooring, is an inherently sustainable material, created from salt and oil. Designed to be used over and over again and totally recyclable at the end of its lifecycle, it consumes the lowest amount of energy in production compared to other high-volume plastics.

Source: GaBi database LCA Assessment

# Amtico Environmental Statement Accreditations & Certifications



# Creating the future we want to see. Setting the standard for an industry.

Our ethos is to combine creativity and innovation with the highest levels of quality – design, manufacturing, product and service.

We're committed to leading standards and dedicated to raising environmental awareness in the industry. Our products and processes meet the following global accreditations.



INSPIRING  
POSSIBILITY

An extraordinary range of products, palettes and patterns that give you the design choices to realise your creative vision.

### Sustainable Construction



BREEAM



DGNB



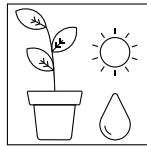
UPEC



Phthalate Free



LEED



WELL Building Standard



EPD

### Indoor Air Quality – TVOC



Indoor Air Comfort Gold



A+ Indoor Quality (IAQ)

Z-156.603-596

AbZ



Floorscore



M1

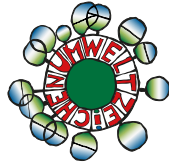
Visit technical specifications for full details [www.amtico.com/commercial/technical](http://www.amtico.com/commercial/technical)

## Accreditations & Certifications

### Ecolabels



Blue Angel



Austrian Ecolabel



Global Green Tag



EC1 Plus

### Industry Memberships



FEB



ERFMI



Vinyl Plus



USGBC

### Business and Product Certifications



ISO 14001 Environmental Management



ISO 9001 Quality Management



ISO 18001 Health and Safety Management



CE

Visit technical specifications for full details [www.amtico.com/commercial/technical](http://www.amtico.com/commercial/technical)

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