

hanit[®]

Environmental Benefits

At present, each year about 12.5 million tonnes of plastic is made from fossil fuels.

12.5
Mt

More than 30% of this plastic is used for short-lived packaging products.

Over
30%

Over 50% of the light packaging materials from household collections consist of plastic.

50%

60% of this waste is recycled into new innovative materials.

In 2015 the Hahn Group processed approximately 50,000 tonnes of finished products. This equates to about 2,500 truck loads!



HAHN PLASTICS LIMITED

At Hahn Plastics Ltd, we believe that our position as the UK's leading manufacturer of high performance recycled plastic products brings with it a responsibility to educate about the importance of recycling and to continue to develop new innovative products with recycled material.

By mechanically recycling plastic from household and industrial collections, Hahn Plastics actively contributes to the protection of our environment and its resources. Compared to conventional processes, mechanical recycling ("turning old into new") has proven to be especially eco-efficient and CO₂ reductive. By manufacturing products from 100% recycled plastic, it is in many cases, diverting this waste going to landfill.

Finished products made from hanit[®] are also highly eco-friendly. Being chemically inert, they do not contaminate the environment in which they are used. They are made from 100% recycled plastic and are also 100% recyclable. They are extremely cost effective as their durability and long life eliminates any maintenance or replacement costs, which further adds to the protection of our environment.

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hanit® Blends

The individual **hanit®** blends are created by mixing together different types of plastic, following specific formulations developed by our technical department. Our blend consists of high quality polyolefins which are extracted from post-industrial and post-consumer mixed waste plastics. The finished products undergo a wide range of different tests, including flexural strength, impact, weather resistance and fluid resistance, to establish its performance and reliability.



- ✓ **hanit®** does not contain any substances that are harmful to the environment
- ✓ **hanit®** is 100% recycled and 100% recyclable
- ✓ Any offcuts of **hanit®** created during the manufacturing process are fed back into the system. They are re-shredded and turned into another product. No plastic is waste is created during the process
- ✓ The overall mechanical properties of **hanit®** products are not significantly affected by UV degradation. Ultraviolet light only penetrated the very thin top layer of the product

Product Benefits

- Strong & Durable
- Weather Proof
- Decay Resistant
- Smooth Splinter Free Finish
- Easy Handling and Installation
- Maintenance Free
- Lifetime Cost-effective
- Environmentally Friendly
- Recyclable
- 15 Year Guarantee

Go Green with hanit®

Putting it into Perspective...

There are over 10,500 m² of **hanit®** profiles within Ecocrib Retaining Walls at 30 sites across the UK. That is about 850 tonnes of 100% recycled plastic, which would be the equivalent of 360 million recycled bottle tops!

