

How are perishable
packaging materials
converted into
**your innovative
products?**

Like this!



hanit

RECYCLED PLASTICS
SINCE 1993

Using know-how for mixed plastics



That's how we create our **innovative** products.

When these are eventually no longer used, they can easily be **recycled** – and the cycle starts again.



It all starts in private households. Here the packaging is put into recycling bins...



... or collected in yellow bags.



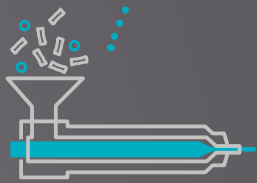
The contents are driven to sorting plants.



Here the packaging is separated into raw materials (e.g. tinfoil and plastics). Unsuitable leftover materials are discarded.



The plastic packaging is compacted into bales and delivered to **HAHN Plastics**.



The pellets are melted and injected into moulds.



We use the bales to make pellets – our recyclable material **hanit®**.

Cost-effective – sustainable, INNOVATIVE

More and more customers from all kinds of industries are recognising the advantages of our recycled material. Where conventional materials such as wood, concrete, steel or new plastics reach their limit, hanit® is the alternative.

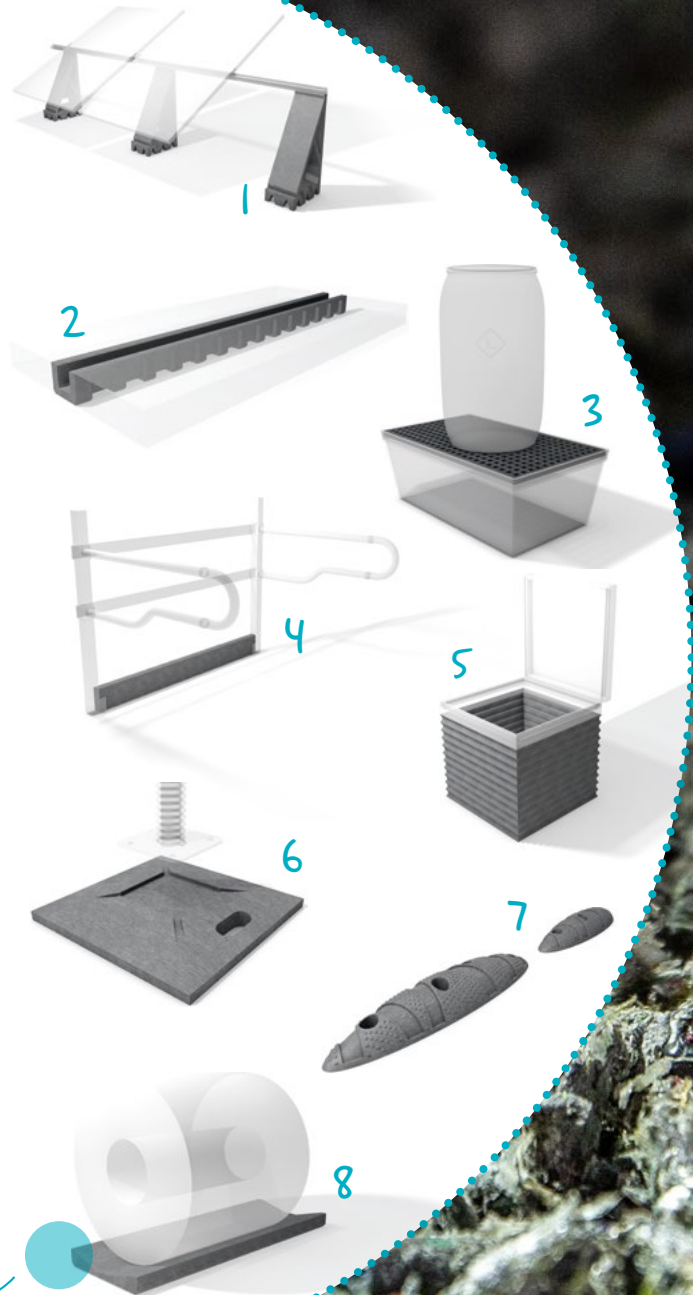
We turn packaging whose useful life is short in some cases into products that can be used maintenance-free for decades thanks to their unique technical material properties while keeping valuable raw materials in the cycle.

hanit® has already proved its worth many times over in an industrial setting, as we develop smart and future-proof solutions for individual requirements in addition to our standard range that secure our customers crucial benefits in their market segment. As a result, a variety of exclusive customer products have already been created from hanit®.

**Maybe your product is next.
Why not get in touch with us!**

- 1 Photovoltaics / Mounting system
- 2 Road construction / Drainage channel
- 3 Chemical industry / Grate
- 4 Agriculture / Pen panel
- 5 Infrastructure / Inspection shaft
- 6 Construction industry / Levelling plate
- 7 Transport engineering / Cycle lane separator
- 8 Steel industry / Load-securing wedge

Individual successfully implemented customer
products in various industrial sectors.



Facts & Figures – at a glance

Employees

500

worldwide

Germany

400

Internationally

100

Established

1993

Turnover 2022

66.0

million euros

Head office

Germany

Sites

6

countries

Products

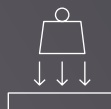
approx. **2,000**

in three categories

Planned
quantity 2023

90,000 t

Advantages & features



- High compressive strength



- Acid-, alkali- and oil-resistant



- Hydrophobic



- UV-resistant



- Fire class B2 (DIN 4102)



- Density of approximately 0.93 g/cm³



- Long-term service temperature -20 to +50 C°



- Resistant to micro-organisms



- Mechanical characteristic value testing available

Project partners



thyssenkrupp
System Engineering



Caterpillar Energy Solutions GmbH

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Don't have our business card?
Call us and get a contact person!

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