



# SUSTAINABLE DANISH PRODUCTION WITH NON-TOXIC MATERIALS

At Excellent Systems we have always strived to impact our environment as little as possible, through sustainable production and the use of non-toxic materials. Our focus on recycling resources and reducing waste permeates all of Excellent Systems' work and values.

#### Production in DK

All our products are designed by Director Ole Frederiksen. They are produced in our factory near Mørke, and shipped to customers all over the world. Danish design, Danish quality, Danish production.

#### **Products**

Through injection moulding, we can produce the many different elements for our ramp and tile systems. By producing them locally, we ensure that quality and safety are always top notch.

#### Installation

We carry out assembly work throughout Denmark, and always ready for advice and guidance. For international customers, we have selected dealers worldwide who we train in the proper sale and installation of our products.

#### Raw material

All our products are made of non-toxic Polyethylene (PE), plastic granulate. It is the same environmentally friendly material found on the inside of milk cartons and is approved for food use.

## CIRCULAR ECONOMY

ECONOM

**EXCELLENT SYSTEMS A/S** 

#### Grinding and regenerating

The clean plastic is then ground into plastic granules. It's a simple process that makes it easy to recycle the plastic in our injection moulding machines. The granulation is carried out at the factory.

#### Cleaning

Used parts and excess material from assembly are washed in our CO2 neutral washing machine to remove any dirt and grime. The machine uses rainwater and green power.

Excess from installation and dismantling

During assembly, excess material often occurs after adjustment. We take this material back to the factory where it is recycled again to reduce waste of good resources.



## **HOW IT WORKS**

Imagine a world with 100 & recycling - no waste, no toxins and minimal CO2-emissions! That is what we strive for here at Excellent Systems. We continually work on changing the way people think about plastic and we can not say this enough - our ramps are most deffinately NOT single use and even after they have been used so many times that they are worn out, return them to us for recycling into new ramps.



We use pallet boxes like this for gathering the material for regeneration. - Excess material from installation and dismantling

We have these pallet boxes with many of the local municipalities in both Denmark and Sweden and we even regularly get used products back from Holland.

No matter where we sell our products, we always encourage the end user to either return the products to us after use or recycle them locally.

### Circular economy is smart business

There are many benefits to sustainable production, and both resources and money to save. Over the years, we have managed to recycle almost everything from our daily production. We usually say that the only waste we have is what comes from the canteen. Back in 1992, we started using the cooling water from our production machines to heat our offices. In this way we save water, electricity and heat.

The circular economy does not only benefit our company. Our customers also save money by sending end-of-life products for recycling. In fact, we give a cash discount on the next order, based on the number of kilograms of recycled plastic we receive.

We call this program Cradle to Cradle.

## **OUR VISION**

Our mission in life is to bring accessibility to as many people all over the world as possible - and doing it in the most sustainable way possible.



## Being a part of our circular economy, you will support

- A sustainable production with a minimum amount of waste
- Danish design, produced in Denmark
- 100% nontoxic
- Purchase of used products for regeneration
- and most importantly, the reuse of plastic















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