

**COMPO**

**DEEN®**

COMPODEEN

## by **INNODÉEN**

At Innodeen shared solutions, we like to work with you on smart solutions. We actively contribute to achieving the desired result. For this, we offer sustainable solutions and good quality products, accurate and tailor-made.

Whether you want a tough or elastic product, wear-resistant or transparent: we provide the best solution for every request. Made of HOLLODEEN®,

DURODEEN®, COMPODEEN® or EELODEEN®.

Where other materials fail, our innovative power comes to life.

[INNODÉEN.COM](http://INNODÉEN.COM)

**INNODÉEN**®  
shared solutions

SALES +31(0)573 438 428

# CIRCULAR BIOBASED COMPOSITE FROM 100% RESIDUAL WASTE

FOR CONSTRUCTION, CIVIL ENGINEERING AND INFRA

Wood fibre, the main component, comes from unpainted scrap wood, end-of-life pallets and PEFC-certified waste streams, among others. The binding agent Polypropylene (PP) comes from PMD residual waste. PP is easy to recycle and is therefore one of the most environmentally-friendly thermoplastics available.

**COMPODEEN**

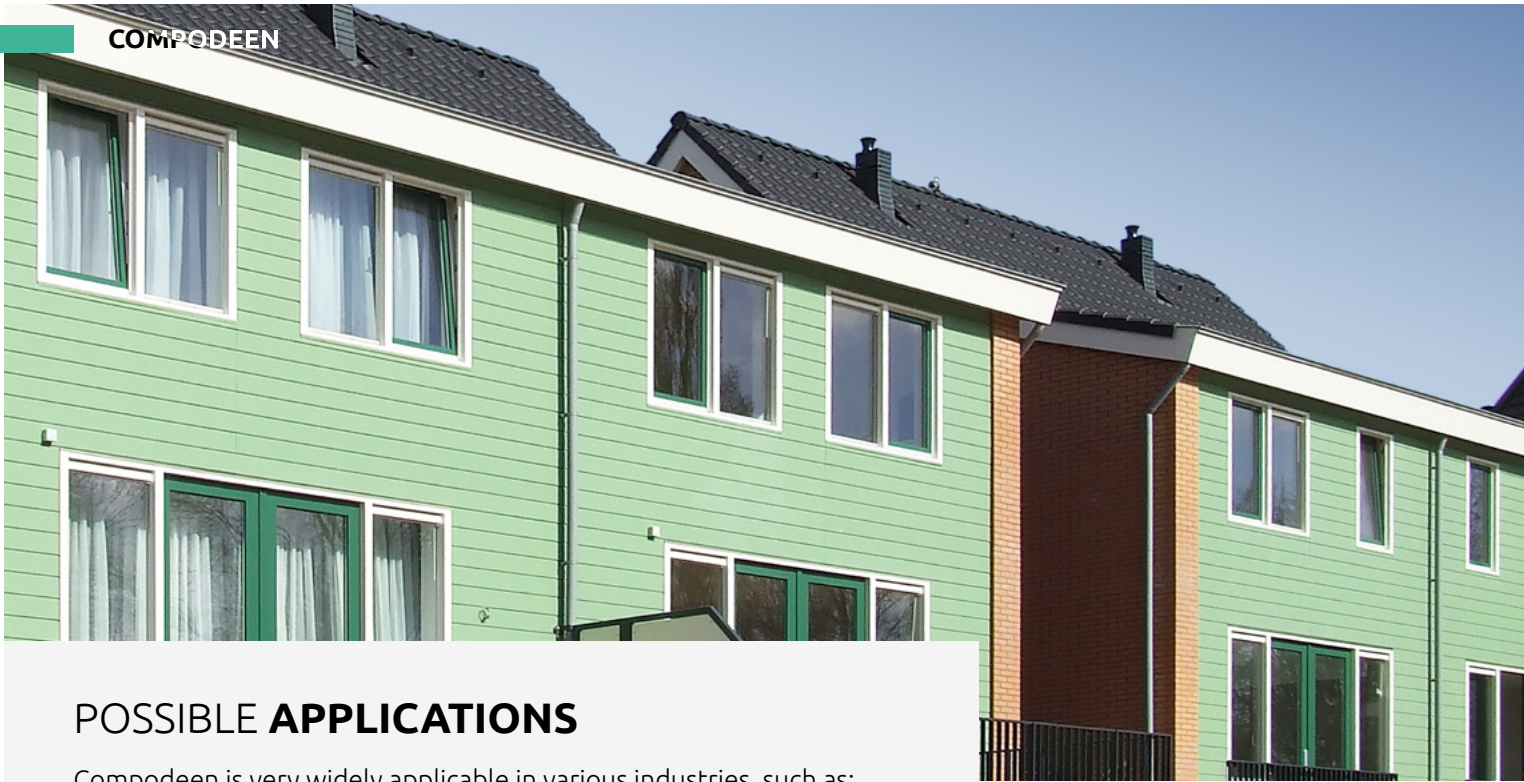
The cutoffs are shredded and then forms new base material for CompoDeen without compromising on quality. This naturally also applies to applied CompoDeen. The material is thus fully circularly applicable and thus has permanent CO<sub>2</sub> storage.



The IPCC - Intergovernmental Panel on Climate Change - states that permanent CO<sub>2</sub> storage exists if a material stores CO<sub>2</sub> for more than 100 years.

## THE **ADVANTAGES** OF COMPODEEN:

- Bio-based
- High rigidity
- For in- and outside use, without treatment
- Easy to process
- 100% recyclable
- Does not splinter
- Wear resistant
- Form retaining
- Weather resistant
- Water and moisture proof
- Permanently rough
- Antistatic



## POSSIBLE APPLICATIONS

Compodeen is very widely applicable in various industries, such as:

### CONSTRUCTIONS

- (Emergency) accommodation
- Façade cladding
- Furniture for interior and exterior use



### CIVIL ENGINEERING

- River bank piling
- Decking
- Landing stages



### INFRASTRUCTURE

- Poles and fences
- Running boards for trains
- Load floors for cattle cars and horse trailers





## CUSTOM MANUFACTURING IN CONSULTATION

We provide you with input in your area of application. Are you wondering whether Compodeen could be the appropriate basis for your idea? We seek out challenges and optionally develop a prototype for you.

### **Request an introductory interview**

Would you like to experience the benefits of Compodeen for yourself? Request an introductory interview without any obligations via [info@innodeen.nl](mailto:info@innodeen.nl)

## OUR TECHNIQUES

Compodeen is very versatile. So too are Innodeen shared solutions. We offer a variety of processing techniques and materials to achieve the ideal product for you:

- Extruding
- Sawing
- Drilling
- Profiling
- Lathing (conventional and CNC)
- Milling (CNC, 3- en 5-axis)
- Assembling



**COMPODEEN**

**COMPODEEN,  
PERFECTED BY INNODEEN**

Innodeen is an innovator of high-grade and circular plastic products at all levels. Together with our customers, we deliver 'shared solutions': industry-oriented, smart and sustainable. Whatever you want to develop or have made: we take care of it. Customer-specific and, of course, fabricated very skilfully.

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## DEVELOPMENT IN PARTNERSHIP

We like to develop together with you.

To shape your challenges or to optimise processes, we combine your expert knowledge with our know-how in the field of technical plastics, technology and their application. Together we achieve smart customised solutions. Please feel free to contact us to discuss the possibilities.

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shared solutions

**INNODEEN BV**

Aalsvoort 5, 7241 MA LOCHEM  
PO Box 11, 7240 AA LOCHEM  
THE NETHERLANDS

+31 (0) 573 - 438 428  
info@innodeen.com  
www.innodeen.com

