



**Green
Product Award**

Winner 2018

CATEGORY ARCHITECTURE



Resysta®

NETWORK FOR GROWTH



REVIVAL of a FAÇADE

Recycling of products made of Resysta



Green Product Award

Winner 2018

CATEGORY ARCHITECTURE



SUSTAINABILITY TO THE CORE

Right from the start, Resysta was developed to become a sustainable material. One aspect is the raw materials, which are available regionally, therefore allowing local production. Approximately 60% of Resysta consists of rice husk - a residual product of the food industry. Resysta products benefit from the significant feature of the rice husk to

protect the rice grain against climatic effects. All products made of Resysta are 100% recyclable. Thus, the raw materials can be used for an incredibly long period of time. Awarded and acknowledged by the Green Product Award 2018 in the category Architecture.



ANTI-AGING FAÇADE

A façade made of Resysta is incredibly long-lasting. Numerous manufacturers grant 15-year warranty against swelling, splintering, cracking and rotting as the Resysta material is not affected by moisture. Since Resysta façades are very easy to maintain, it is a great pleasure to enjoy

a beautiful façade made of Resysta for a very long time - in other words: an anti-ageing façade. Nevertheless, if the façade is dismantled, we like to take back all parts made of Resysta and reintroduce them into the production cycle.

THE RECYCLING PROCESS

How a façade become a flowerbox

1. Local production of basic material

(=>currently licenses in Europe, India, China and USA)



2. Production of façade profiles

(=>sanding dust and offcut can be crushed and returned to production)



3. Façade in use

(=>as the material Resysta is very durable, the façade will last minimum 15 years)



4. Installation cutoffs and leftovers should be delivered to a Resysta Collection Point

(=>refer to current map of collection pints and recycling regulations at www.resysta.de)



5. After many years in use, the façade is dismantled deconstructed

(=> pure Resysta material can be returned at Resysta Collection Sites)



6. A recycling company will crush and grind the entire material collected



7. The recycled material will be used for the production of new products made of Resysta

(=> a new product is born)

8. The recycling loop can be rerun several times



Collection Points



REVIVAL AS A FLOWER BOX

The recycling consortium „Resysta Network for Growth“ promotes the development of products made of recycled Resysta material. The focus is on closing the recycling loop and developing new, marketable products made from recycled material. So it may well be that - after

a long life - a facade is reborn as a flower box. Thus, the raw materials used, stay in use for a very long time. It's up to the imagination of our production partners what will become of the flower box one day

RECYCLING WORKS BEST IN A NETWORK

Resysta has created a network including all aspects of the value chain

Resysta®

Great machines to manufacture products made of Resysta

bausano

BUSS
excellence in compounding

FRIULFILIERE
NEXTENSION CIRCLE

KraussMaffei

Guarantors for high quality raw Material and additives

INEOS

Kaneka

REAGENS®

POLYMER-CHEMIE

VYNOVA

Guarantors for high quality products made of Resysta

alfer®
aluminium

KUNSTSTOP
KUNSTSTOFFE

CROS
WOOD

IN
INTELLIGENTWOOD
UPB® Boards made of Resysta

MBM
seit 1954

SALAMANDER
TECHNISCHE WÄRMESTOFFPROFILE

Distribution of products made of Resysta



FIBERPLAST BV

sustainable products & solutions

GERCONA
Werkstoffe mit Zukunft



Klopfer
Holzwerkstoff