

[Channels](#)[Articles](#)[Materials](#)[Events](#)[Brands](#)[Sign in](#)[Join now](#)

This material is part of the following channel(s)

[SUSTAINABLE](#)[PLASTICS](#)

# GOVAPLAST

**Category**  
[Plastics](#)**Code**  
PLA1114**Country**  
Belgium**Brand**  
[Govaerts Recycling N.V.](#)[Share](#)[Tweet](#)[Share](#)[Email](#)

## REQUEST INFORMATION

**12 January 2018** - story by materia

Govaplast is a type of plastic lumber, but containing no wood at all, as a replacement for wood and concrete. The material is turned into solid, high-quality recycled plastic profiles, such as poles, sheets, boards, beams, and decking and fencing systems. The plastic is extremely durable and strong, and can be used both for interior and outside uses. It is a non slip material, maintenance free, and rot-proof.

The production process starts with the selection of high-grade raw materials to produce high-quality products. The raw material consists of 100% plastic recycled material (HDPE, LDPE and PP in a specific proportion). The PE-PP raw material is mixed with dye and other additives to improve and strengthen the product. This blend is melted into a homogenous mass under high temperature and sprayed into moulds. These moulds are cooled

down, after which the boards are automatically pushed out. The final profiles can be sawn to

size after 48 hours. The boards can be recycled after use.

[Channels](#)[Articles](#)[Materials](#)[Events](#)[Brands](#)[Sign in](#)[Join now](#)

## MATERIAL PROPERTIES

### SENSORIAL

GLOSSINESS

MATTE

TRANSLUCENCE

0%

STRUCTURE

CLOSED

TEXTURE

VARIABLE

HARDNESS

HARD

TEMPERATURE

MEDIUM

ACOUSTICS

MODERATE

ODOUR

NONE

### TECHNICAL

FIRE RESISTANCE

MODERATE

UV RESISTANCE

GOOD

WEATHER RESISTANCE

GOOD

SCRATCH RESISTANCE

GOOD

WEIGHT

MEDIUM

CHEMICAL RESISTANCE

MODERATE

RENEWABLE

NO

### TAGS

SUSTAINABLE

PLASTICS

RECYCLED PLASTIC

[PREVIOUS MATERIAL](#)[NEXT MATERIAL](#)[HOME](#) / [MATERIALS](#) / GOVAPLAST[BACK TO TOP ▲](#)

## HOME

## MATERIA

[About Materia](#)  
[Contact](#)  
[Advertise](#)  
[Privacy Statement](#)  
[Register](#)  
[Sitemap](#)

## CONTACT

Materia Exhibitions  
Naarden  
The Netherlands  
+31 (0)20 71 30 650  
[info@materia.nl](mailto:info@materia.nl)

## CONNECT

## RECEIVE OUR WEEKLY NEWSLETTER

[SIGN UP NOW!](#)