

# PENOSIL



Leading the industry in sustainable construction solutions

## Sustainable Construction category:



Much lower CO<sub>2</sub> footprint



Highest possible recycled material content in packaging



Highest possible certified sustainable material content



A full range of innovative sustainable construction chemicals



Truly unique both inside and outside



>> Sustainable product formula

>> Sustainable packaging



### ECO Filling Foam 210

Multipurpose PU-foam with excellent insulation and filling properties and low curing pressure. Excellent density and foam structure. Suitable for all foam applications, even for window installation.

> 50% ISCC Plus certified or bio-sourced raw materials.

Aerosol can: produced from Low carbon "Bluemint" steel.  
> 80% PCR (post-consumer recycled) plastic is used in the plastic parts of the package.

### ECO Mounting Adhesive 677

Multipurpose adhesive with fast initial grab for interior construction, renovation and finishing works. Acrylic-based solvent-free formula. Adheres well to most construction and finishing materials.

> 71% sustainable raw material, covered with REDcert<sup>2</sup> or producer's data sheet declaring recycled feedstock.

> 70% PCR (post-consumer recycled) plastic is used in the plastic parts of the package.

### ECO Elastic Acrylic 622

Bright white elastic paintable sealant for interior and exterior use. Excellent for movable joints. Long-lasting, durable, weather-resistant.

> 81% sustainable raw material, covered with REDcert<sup>2</sup> or producer's data sheet declaring recycled feedstock.

> 70% PCR (post-consumer recycled) plastic is used in the plastic parts of the package.

Genuinely ecological products also offer superb product features and the best user experience

## Other Penosil Categories

Professional products conveniently grouped together by application area



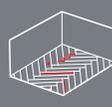
General Construction



Window & Door



Roof & Facade



Floor



Sanitary



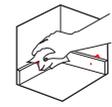
Decoration



Fireproofing / High Temperature



Adhering



Cleaning

We save energy /

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# Questions and Answers

**PENOSIL**

## What makes the raw material sustainable?

In addition to the usual range of chemicals, the formulas of the ECO products contain various components, the synthesis of which many has different possibilities for the use of renewable or recycled raw materials, as well as for the use of waste. The following options are implemented in the manufacture of some of the main chemicals:

- Use of post-consumer recycled materials
- Plant-based feedstock (instead of crude oil)
- Mass-balance approach – certified consumption of bio-waste and residues in the chemical production process.

## How do we calculate the percentage of sustainable raw materials compared to regular products?

The overall content of sustainable materials for specific formula consists of relative shares of recycled/renewable/waste material quantities in used raw materials.

## How are Penosil ECO line products different from all other green products?

- The formulas are in large part (50–81%, depending on the product) made from sustainable raw materials using the latest technologies available in the field.
- The packages are the most sustainable on the market, made of PCR (post-consumer recycled) plastic and metal which is produced with three times lower CO<sub>2</sub> than regular packaging.
- Genuinely ecological products also offer superb product features; sustainability has been achieved without any compromise on product properties. In fact, the opposite is true, they offer the best user experience.

## What does Bluemint® Steel mean?

It means a new climate-friendly steel with reduced CO<sub>2</sub> intensity. The material properties do not differ from existing steel grades, aside from their reduced specific CO<sub>2</sub> emissions.

## Why are glue and acrylic cartridges dark?

Penosil's ECO cartridges are made from PCR (post-consumer recycled) plastic. This means that the material consists of plastic waste, with the different colours all mixed together. This mix cannot be white, it is usually dark grey, or black if black pigment is added. Penosil's ECO products come in dark grey cartridges.

## What colour is Penosil ECO Mounting Adhesive 677?

Due to the use of bio-based raw materials instead of regular ones, the tone of the adhesive is light beige.

## What colour is Penosil ECO Elastic Acrylic 622?

Sustainable raw materials of ecological acrylic are chemically identical to conventional ones, just processed differently. Therefore the colour is bright white, as generally the case for acrylics.