



 CO<sub>2</sub>pure

A more sustainable  
future is possible  
thanks to this  
innovation



## “Converting carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC’s) into environmentally harmless minerals”

At present, there are places with air pollution as high as 700 ppm of CO<sub>2</sub> and NO<sub>x</sub>, in urban areas where the consumption of fossil products releases greenhouse gases into the environment.

PrimLab aims to create products that are beneficial to health and the environment by introducing **CO<sub>2</sub>pure**, an innovative patented compound to convert carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) and volatile organic compound (VOC’s) through their mineralization into harmless elements.

The intelligent microparticle product is an additive for the manufacture of roads, concrete, paints,

dyes for clothing, resins and elastic polymers (rubber and rubber-like materials), for air pollution facial masks and for all types of coatings.

Paints and rubber / rubber like materials treated with **CO<sub>2</sub>pure** are more durable and protect against harmful UV rays during sun exposure and environmental changes.

The processes of chemical carbonation and of photocatalysis which eliminate carbon dioxide (CO<sub>2</sub>) and environmental NO<sub>x</sub> will remain active for as long as the treated material remains exposed to the contaminated environment and becomes harmless to health.

## An effective combination against pollution

- ◀ High greenhouse gas mineralization capacity
- ◀ Easy application on common materials (paints, tires, etc.)
- ◀ Does not alter the materials properties
- ◀ Contributes to a healthier environment for humans
- ◀ Competitive pricing without an increase in the base product price



Purifies the environment  
by eliminating CO<sub>2</sub>,  
NO<sub>x</sub> and VOC’s



Wide range of  
applications



100% mineral



Innovative and  
profitable

# TYPES OF APPLICATIONS to protect the environment



INTERIOR AND  
EXTERIOR PAINTS



TEXTILES



ROADS AND  
ASPHALTS



COATINGS



RUBBER AND  
RUBBER-LIKE  
MATERIALS



ROAD SIGNS

The potential market for the **CO<sub>2</sub>pure** patent is very wide, since the paint is applicable to facades of buildings, interiors, roads, road signs, vehicles, coatings, dyes (such as clothing), not to mention the application in tyres, shoe soles, pipes, etc. Every day there is greater awareness of the dan-

gers of greenhouse gases by both the population and the government level. Surveys show that the consumer is willing to pay up to an additional 30% for an organic product, thus making **CO<sub>2</sub>pure** a great opportunity both economically and prestigiously for any company in the sector.

## EXAMPLE OF CO<sub>2</sub>pure EFFECTIVENESS:

### FOOTBALL STADIUM

10.000 m<sup>2</sup> painted with 



ELIMINATION OF CO<sub>2</sub> y NO<sub>x</sub>:

**2,3 Tons/year**  
immediate effect

10.000 m<sup>2</sup> re-populated with trees (400 trees)



ELIMINATION OF CO<sub>2</sub>:

**2 Tons/year**  
Trees ≥ 10 years

Adsorbs and removes CO<sub>2</sub>, NO<sub>x</sub> and VOCs, based on tests carried out in external laboratories.

The adsorption and elimination will depend and will vary depending on the existing contamination in each place where the product is applied.

**CO<sub>2</sub>pure** eliminates the contamination of CO<sub>2</sub>, NO<sub>x</sub> and VOC's, an important advantage over trees, which can not be planted anywhere and require more than 10 years to be mature.



CO<sub>2</sub>Pure is a product of PRIMLAB GLOBAL S.L., a company dedicated to the research and development of active ingredients beneficial to health and the environment.

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