



REDUCE

REUSE

RECYCLE

OUR PHILOSOPHY FOR YOUR GREEN PROJECTS

SAVENERGY

**RE-GENERATED POLYCARBONATE PANELS
FOR CO2 REDUCTION AND MONEY SAVINGS**

THE BIRTH OF A NEW SENSITIVITY

2022 was a different year for many reasons but the most obvious is **the increase in the cost of energy**.

The consequent increase in the costs of processing and transformation caused, subsequently, also the increase in the price of the final products.

For this reason, 2022 was the year of uncertainty and fear, **feelings that become a prerequisite for the search for new solutions**.



WE OFTEN HAVE SOLUTIONS AT HAND BUT WE DON'T SEE THEM



**3.000.000
tons**
**POLYCARBONATE
PANELS & PROFILES**

USED IN BUILDING PROJECTS
IN THE LAST 30 YEARS



20 years
LIFE SPAN
OF THE INSTALLED
PANELS



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OUR PHILOSOPHY AND THE SAFEGUARD OF THE ENVIRONMENT REQUIRE US TO FIND AN ALTERNATIVE TO THE RESULTING MATERIALS.

A NEW LIFE TO CONSTRUCTION WASTES.

RODECA: REGENERATION IS OUR PASSION SINCE 1971



it is a very resistant material that is very well for the use in building applications.

Ansa Savenergy: regeneration processo, compound and extrusion.



Il giardino delle idee
29 iscritti

Iscriviti

3



Condividi



Scarica



Clip



Salva



Look at
videos:



WE MASTER AND OPTIMIZE THE COMPLETE REGENERATION PROCESS.

OUR GREEN PHILOSOPHY FOR POLYCARBONATE REGENERATION

The regeneration of polycarbonate allows great energy savings while ensuring **DURABILITY, TRANSPARENCY, VERSATILITY** and **ECONOMICITY** of the material.

**IN A PERSPECTIVE OF
AN INCREASINGLY
CIRCULAR ECONOMY,
THE SAME PANEL
INSTALLED 20 YEARS
AGO HAS A NEW LIFE.**

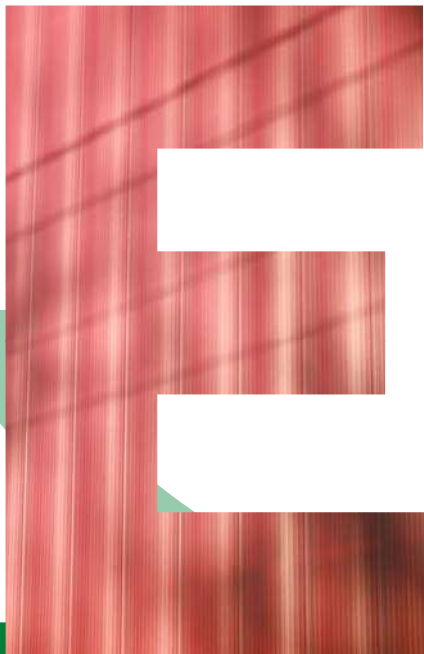




Vertically installed, the LBE panels in multiwall polycarbonate have a life span of more than 20 years.



Are you planning to replace the old PC panels? Our REGENERATION cycle includes the withdrawal and reformulation of existing material.



In their STANDARD conformation, the LBE 2.0 panels can be used to be installed on the initial construction site or to give shape to your new ideas.



Our specialized departments GRIND, TEST, ANALYZE and REGENERATE the withdrawn material, preparing it for the production of LBE 2.0 multiwall panels.

PC 2540-4 SAVENERGY

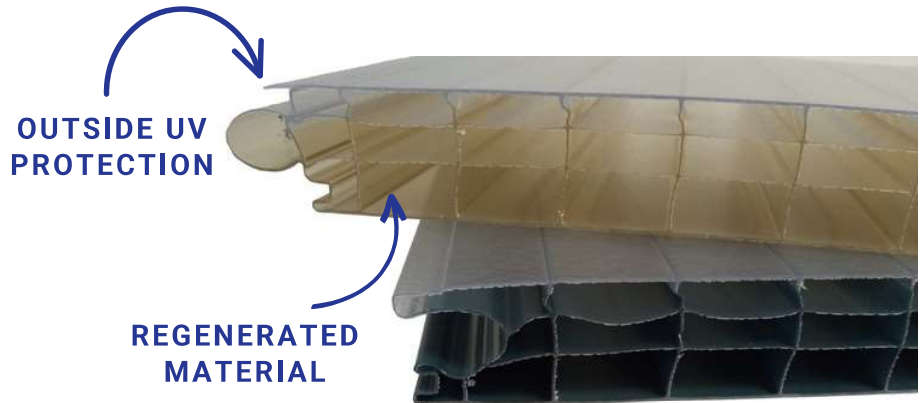
THE REGENERATED MULTIWALL PANEL

Decades of experience in the recovery and regeneration of polycarbonate combined with Rodeca's excellent know-how have made it possible to create the **PC 2540-4 SAVENERGY panel, a regenerated mutiwall based panel with the same QUALITY AND WARRANTY AS EVER.**

CONFORMATION

1 OUTSIDE WALL
PROTECTED AGAINST UV

3 INNER WALLS
MADE OF
REGENERATED PC



COMPOSITION



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Exterior wall made of virgin polycarbonate.

Interior walls made of **regenerated polycarbonate up to 75%:**

Color: **natural tone.**
SPECIAL COLORS AND EFFECTS ON DEMAND.

CHARACTERISTICS



Modulus width: 500 mm
Thickness: 40 mm
Weight: 4 kg/mq
Thermal transmittance: 1.4 W/m²K
Sound absorption: 22 dB
Fire class: B, s2, d0
Warranty: 10 years

PC 2540-4 SAVENERGY ADVANTAGES



REGENERATED

Natural recover of construction waste
No transport for disposal
Reduction of pollution caused
by transport



LOW WEIGHT

Around 1440 m², equal to a 6000 kg,
Savenergy carried by a lorry
Around 1200 m², equal to 24000 kg, to
transport double glass panels
Reduction of the transport,
costs and CO₂ pollution



STRONG

Reduction of the weight of the main
structure of the building
Energy savings and CO₂ reduction
Reduction of the transport,
costs and CO₂ pollution



REUSABLE

It can be used for new and different applications
without the need for any further processing that
causes pollution or energy request



ECONOMICAL

Cost reduction from 1,00 to 2,20 €/m²
Compared to the same panel PC 2540-4
produced with virgin raw material

**TO KNOW
SOMETHING MORE:**



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