

**SYNTHESIA** was founded in 1964 by a group of Spanish entrepreneurs. It started out basically as a chemical product company, manufacturing paint for building facades, plastisols and ureaformol insulation.

In 1966 it moved into the field of Polyurethane, which has gradually become the company's core business, eventually serving as a platform for its international projection, and becoming a national and international reference point. As of the 1970s, the company embarked upon a process of vertical integration targeting the manufacture of raw materials as an extension of its line of formulated products.

The company strategy has always been based on research and development, and it is one of the few independent companies with its own technology in the sector.



Offices & Plant

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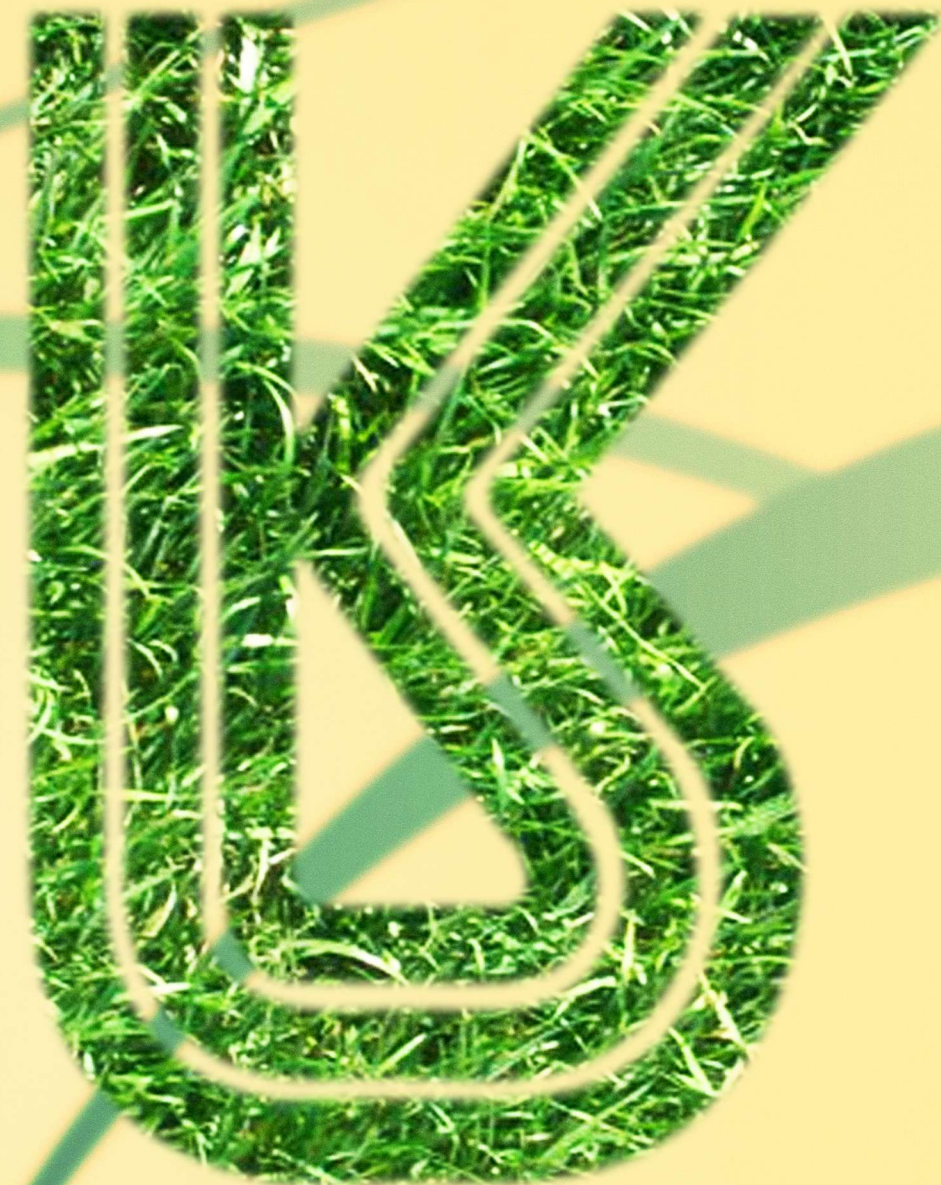
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[www.synthesiainternacional.es](http://www.synthesiainternacional.es)

Currently SYNTHESIA is member of following associations:



Leader in rigid spray foam technology



**POLIURETAN® SPRAY**

**THE NEXT STEP**

**RENEWABLE AND RECYCLED**

RENEWABLE  
RECYCLED

# POLIURETAN® SPRAY SYSTEMS

Comply with UNE 92120-1/1M:2003, UNE 92120-1:1998 and UNE 92120-1:1998/2M:2008

RENEWABLE +  
RECYCLED

Natural + renewable based materials (Up to 35%)\*

Recycled based materials (Up to 15%)\*

1. Highest insulation properties (vs other materials)

+

2. Excellent waterproofing properties + vapor permeability

+

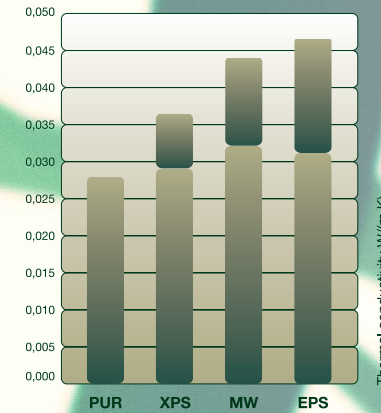
3. Continuous sprayed application > Complete sealing of area

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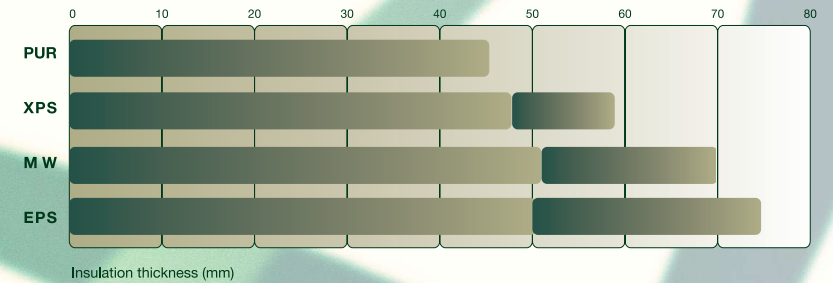
THERMAL INSULATION + WATERPROOFING + SEALANT  
> UNIQUE PROPERTIES

ALL IN THE FASTEST APPLICATION TIME  
(vs other materials)

Lower thermal conductivity  
of the insulating materials



Increase of the living area compared with other insulating material,  
to achieve the same insulation value



FEATURES

APPLICATION	RENEWABLE + RECYCLED *
INTERNAL WALLS	Up to 45%
EXTERNAL WALLS	Up to 45%
FLOORS	Up to 45%
CEILING	Up to 45%
ROOFS	Up to 50%

\* Percentage in component A

