

# Leaf

The most advanced insulation technology

## ¿What is LEAF?

LEAF is the most advanced insulation formulation technology that brings together all the know-how, research and experience in insulation of Isocindu and Isopan. An innovative solution that lifts the expectations of planners and designers in terms of the insulation performance of the building envelope.



### +20% Thermal Insulating

LEAF technology improves thermal performance of the insulating material by reducing the thermal conductivity value of the foam. With the same thickness, it is possible to obtain a lower thermal transmittance compared to a standard product.



### B-s1, D0 Certification

LEAF has obtained the highest fire certification rating for polyurethane panels, called B-s1, d0. S1 certifies the lack of smoke caused by exposure of the foam to fire. In the case of "d0" it is defined as the absence of dripping or particles caused by exposure to fire.



### Halogen-free Components

Commonly used flame retardants such as halogenated flame retardants improve the fire performance of insulating materials, but are potentially hazardous to the environment. LEAF delivers high performance fire performance without using such halogenated flame retardants



### Lower costs

LEAF improves the thermal performance of insulation materials reducing the thermal conductivity of polyurethane foam. This leads to a lower heat loss in buildings, which translates into energy savings and higher efficiency.



### Space Optimization

With LEAF technology we obtain a lambda reduction up to 20%, with one inch of thickness difference, reducing transportation costs and achieving a volume reduction, gaining useful space in the building or refrigeration chamber.



### An interesting investment

LEAF products lead to credits for certifications such as LEED and BREEAM. These certifications ensure compliance with regulations and products that offer higher value than the common average building, resulting in a more worthwhile investment.

Thanks to its excellent insulation, LEAF is especially suitable for specified panels in industrial refrigeration projects.

