

**MOONLINER® by ENERSENS: ultra-insulating natural-based wall cladding**

Longjumeau, March 18, 2015

Today, at the [ECOBAT trade show](#) in Paris, Enersens – the PCAS Group subsidiary specializing in the industrial manufacture of heat superinsulating systems - presents its new MOONLINER® natural-based wall cladding, a solution that outclasses the majority of traditional insulating materials in terms of insulating performance.

The degree of heat conductivity associated with the MOONLINER® wall cladding solution - materials produced from flax fiber and ENERSENS aerogel - is two and a half times lower than that of standard flax fiber panels and below that of mineral wool, fiberglass and polystyrenes (the conductivity of MOONLINER® is "30 mW/m.K").

ENERSENS worked in partnership with the CoDEM\* Picardie to conduct MOONLINER® production tests. ENERSENS has submitted a patent application for the product and is currently seeking industrial and commercial partnerships with players such as the major DIY-sector operators to ensure its development.

According to Pierre-André Marchal, ENERSENS' Executive Director: "ENERSENS now boasts significant aerogel production capacity and continues to focus on innovation. MOONLINER®, the result of convergence between natural materials and high-tech aerogels, raises the profile of natural, thin insulating solutions. This innovation carries with it considerable development potential for ENERSENS."

ENERSENS will be present throughout the day at the Conference Space of the ECOBAT Trade Show. [MOONLINER® will be presented at a conference](#) there at 11.30 a.m.: "Cutting-edge materials for the building industry, Disruptive Technology".



\*CoDEM : Specialist center that tests and develops innovative products for the construction and renovation sectors.

#### About Enersens

Enersens, a subsidiary of PCAS, manufactures in Bourgoin-Jallieu (France, south of Lyon) aerogel beads, panels and blankets based on its own patented production technologies. Enersens aims to become a key contributor to energy transition by becoming a leading manufacturer of high performance thermal insulation materials.

#### About PCAS

Founded in 1962, PCAS is an international fine and specialty chemicals group (166 million € net sales in 2014) that shares an ambition for excellence with its customers, which primarily include market-leading international groups. PCAS designs and delivers the best industrial solutions for its customers' specific expectations. These various expectations all share a common demand for safety, quality, competitiveness, innovation and sustainability. PCAS also develops ranges of proprietary products based on intellectual property.

#### Contacts

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