



*III National Energy Congress, Radisson Hotel*

## **Building Insulation Allows Reducing the Electricity Bill**

- *Industries, commercial establishments, and households can join the search for energy efficiency.*
- *Technological advances are showcased during the III National Energy Congress to be held this Thursday, February 17 at Radisson Hotel.*

Energy savings, protection against extreme temperatures, and noise reduction are just some of the benefits provided by a proper building insulation to industries, commercial establishments, and households. There are specialized insulators that allow protecting key areas such as walls, floors, and roofs in an environmentally friendly manner to provide greater comfort and reduce the electricity bill.

This is the case of ProDEX products, which provide environmentally aware consumers with options such as Thermic AD, a thermal insulating material that allows saving energy thus preventing extreme heat or cold emitted by roofs, walls, or floors inside buildings to reduce the need of air conditioners up to 50%.

According to Silvia González, Marketing Director for ProDEX, the growing concern for an efficient electric energy use makes us change consumption patterns which seek to provide aesthetics, comfort, quality, safety, and compatibility in an environmentally friendly manner.

"Environmentally aware consumers seek opportunities to preserve energy, for instance, our insulating systems, such as the Thermic AD, optimize the efficiency of air conditioners, refrigeration systems, hot water tanks, and heating systems, besides providing comfort and protection to buildings," stated González.

She also stated that Thermic AD is an insulating material composed of aluminum and polyethylene foam that allows the transit of vapors thus reducing the risk of condensation due to thermal shocks, avoids extreme temperatures, and provides versatility to use it in commercial, industrial, residential, or agricultural buildings, among others.

González also stated that by using reflective insulating materials, you can reduce between 30% and 50% of the use of air conditioners thus preventing the roof heat from filtering inside, and during extreme cold temperature conditions, it keeps a comfortable internal temperature at any time of the day; therefore, our products are considered an excellent choice of energy, which has a positive impact on the electricity bill, besides other benefits.

"Through the use of reflective insulation, you can reduce the noise caused by the rain, and it is free from the toxic substances that damage the ozone layer; it is light and easy to handle and has top-quality finishes and aesthetic elements. Moreover, the productivity of people working under extreme weather conditions is increased by providing more comfortable temperatures," stated González.

Among other options, the thermal cover for water tanks allows saving money by reducing the use of energy up to 20% by insulating and protecting them against external temperatures and keeping the water warm for longer periods that generate direct savings in the electricity bill.



All these options will be showcased **Confort en armonía con el ambiente** during the **III National Energy Congress**, to be held this **Thursday, February 17 at 8 a.m. at Radisson Hotel (Salones Zurquí)**.

**Prodex: a Route to Excellence**

González stated that the search for sustainable productive processes that optimize energy efficiency has become a key premise in the sectors of the industry that aim at environmental protection. Productos de Espuma S.A, under its commercial brand Prodex has made environmental protection its cornerstone for the manufacturing of sustainability compatible products that comply with the highest competitiveness standards.

Prodex has been a nationally-funded leading company for 15 years in Costa Rica in the manufacturing of heat and cold insulating products for any types of buildings and which exports 80% of its output mainly to Central America and the United States, besides its presence in the Dominican Republic, Trinidad & Tobago, Peru, Canada, Spain, Andorra, and Ecuador, among others.

Its production processes comply with the highest quality and service standards based on certifications from international organizations and entities such as the U.S. Green Council, which is a green construction certification system and the Reflective Insulation Manufacturers Association (RIMA), which is a trade association representing the reflective insulation, radiant barrier, and interior radiation control coating (IRCC) in the United States.

"At Prodex, we seek to improve our productive processes on an ongoing basis, so that our development is sustainable, environmentally friendly, and in harmony with the community," explained González.

Prodex has been recognized for its competitiveness management and sustainable development practices, for instance in 2010 when it was awarded the prize "Route to Excellence, Gold Category" granted during the XIII version of the Excellence Award of the Costa Rican Chamber of Industry and Commerce (CICR).

"We have been recognized for the consolidation and maturity of our processes and our ongoing performance and competitiveness improvements; therefore, we are focused on optimizing our environmental practices in accordance with international indicators, so that our products generate the fewest environmental impacts possible," stated González.

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