



DuPont™ Energain® Thermal Mass Panel based on Phase Change Technology is Highly Commended in The Green Award category of the Self-Build Awards

February 2010 – DuPont Building Innovations is delighted to announce that DuPont™ Energain® - an innovative thermal mass panel based on phase change technology - has been awarded another prestigious confirmation of its sustainability benefits. In The Green Awards category for ecological products or services, DuPont™ Energain® was Highly Commended as part of the Self-Build Awards 2010. This honour follows on from a place among the finalists of the Carbon Trust Awards in 2007.

The Self-Build Awards are organised by Centaur Media and all Highly Commended products will be displayed via graphic panels at the National Home Building and Renovating Show at the NEC from 18th – 21st March 2010. The Judging panel consisted of members of the specialist building press and professional bodies such as RIBA, RICS and the Federation of Master Builders.

Comments included:

“Another clever solution to the problems of balancing heat loss/gain”

- David Dalby –Director of RICS

“A product that will undoubtedly add significant cost-efficiency and long-term value”

– Ginetta Vedrickas – Freelance Journalist

DuPont™ Energain® is an advanced solution to the problem of insufficient thermal mass in modern buildings constructed from timber, glass and metal. Such structures are subject to rapid and uncomfortable heat gains from solar energy and other sources and often require costly and energy-consuming climate control systems to redress the problem.

DuPont™ Energain® is a lightweight panel of 5mm thickness that's easy to install behind walls and ceilings and which contains an innovative “phase change” compound. The system absorbs heat as the room temperature reaches approx 22°C and then releases it back into the room as the temperature drops to around 18°C degrees. This can reduce temperature peaks by up to 7°C degrees and originate significant savings in air conditioning (up to 35%) and heating costs (up to 15%).



Installation of DuPont™ Energain®. Photos by Jake Fitzjones for DuPont™ Energain®.

“Achieving the commendation is great news for the entire DuPont Building Innovations team,” says Simon Langlois, DuPont Building Innovations, Business Development Manager for Europe Middle East and Africa. “It’s very rewarding recognition for all the inspiration, research, resources, know-how and dedication that has gone into developing DuPont™ Energain® and bringing it to market. It’s also very encouraging in terms of the strong commercial potential for DuPont™ Energain® and confirms what it has to offer in the drive toward energy-efficiency in the built environment. It’s a further endorsement that the commitment of DuPont toward our broader sustainability goals is aligned with significant market and social values.”

Forward-thinking early adopters are increasingly specifying DuPont™ Energain® for a number of exciting projects internationally. These include the Crossway “Eco-Arch” house as featured on UK television’s Grand Designs programme, Hamond High School in Suffolk, Napier University in Scotland, the Tibet Energy-Saving House in the Mt. Everest region and the Self-Sufficient housing module by Swiss testing body EMPA, recently shown at the Swissbau exhibit. DuPont® Energain® is also installed in two buildings at the Building Research Establishment’s Innovation Park, the Stewart Milne House and the Willmott Dixon Community Healthcare Campus. (Images and further information for all projects mentioned is available on request from stephanie@qspr.com).

For further commercial information on DuPont™ Energain® in the UK please visit: www.energain.dupont.com or call 01275 879 770.

About DuPont™ Energain® (www.energain.co.uk) – DuPont™ Energain® is a long-lasting thermal mass solution for environmentally sustainable buildings, based on an innovative phase change material from DuPont. Available in light-weight and easy-to-install panels, it is suitable for “low-inertia” structures such as timber, steel or aluminium framed buildings, this ground-breaking product can help to reduce interior temperature peaks by as much as 7°C, optimizing comfort levels and helping to save energy. DuPont™ Energain® decreases air conditioning costs (up to 35%) and heating costs (up to 15%) and can therefore make a meaningful contribution to reducing the carbon footprint of a building.

About DuPont Building Innovations - DuPont™ Energain® is a product of DuPont Building Innovations. From innovative energy-saving systems to beautiful and long-lasting surfacing solutions, the overall offer of DuPont Building Innovations is able to deliver safety, durability, beauty and energy efficiency, providing a major contribution to the modern built environment - including every kind of building and architecture, roads, bridges and other infrastructures and also gardens, as well as to the preservation or the renovation of existing and historical constructions. Its best known brands are DuPont™ Corian®, DuPont™ Zodiaq®, DuPont™ Tyvek®, DuPont™ Energain®, DuPont™ Typar®, DuPont™ Plantex® and a new range of photovoltaic modules.

About DuPont - DuPont is a science-based products and services company. Founded in 1802, DuPont puts science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. Operating in more than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture and food; building and construction; communications; and transportation.

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