

News Release



BASF's Styrodur® C for Thermal Insulation Complies with Green Star NZ Requirements

- Styrodur certified as free of ozone-depleting substances
- Buildings insulated with Styrodur benefit from one credit under the Green Star "Emissions" category

Australia / New Zealand - October 25, 2010 – BASF today announced that its thermal insulation product Styrodur C (XPS: extruded polystyrene) has been reviewed for compliance with Green Star NZ requirements. This certifies that Styrodur C does not contain any ozone depleting substances, nor does it require the use of these substances during manufacture. As such, buildings that use Styrodur C as insulation material may apply for one Green Star credit.

"As a Green Star NZ Accredited Professional I am pleased to see the efforts that suppliers are putting into providing environmentally preferable options. Research shows the benefits of insulation for building energy use. The main issue to date has been the blowing agents that can lead to high GWP (global warming potential) and ODP (ozone depleting potential) factors. With an ODP of zero and a claimed GWP of just one, BASF's Styrodur C offers a high performance solution that truly helps designers achieve their Sustainable Design imperatives" says Mr Alex Reiche, Director EnviroSpec.

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"The product's low GWP and ODP allow us to clearly and effectively demonstrate our claim that Styrodur C is an environmentally preferable extruded polystyrene solution that can contribute to climate protection and the reduction of greenhouse gases," said Mr KinWah Chay, Head of Business Management, Foams Asia Pacific, BASF.

Styrodur C is BASF's green extruded polystyrene (XPS). It is typically used for thermal insulation of building components that are subject to pressure and moisture. Styrodur C is free of CFCs, HCFCs and HFCs (chlorofluorocarbons, hydrochlorofluorocarbons, and hydrofluorocarbons). It contains air as cell gas that helps ensure insulation performance over building lifetime.

Another key selling point for both property developers and homeowners is that thermal insulation materials such as Styrodur C significantly reduce the consumption of energy used for cooling and heating buildings and thus help to lower energy bills as well as carbon dioxide emissions.

Styrodur C , which is typically used in applications for roof, perimeter and floor thermal insulation, can also be used as a load bearing layer under roads and rail tracks or in any other application where high compressive strength and water resistance combined with high sustainable insulation properties are required. Styrodur C is also rot-proof and easy to handle on site.

The Green Star NZ rating system is operated by the New Zealand Green Building Council (NZGBC).

All product claims were reviewed and confirmed by EnviroSpec Verification Services.

Note to the Editor

- Additional information on Styrodur C is available at www.styrodur.com
- Product profile and Green Star compatibility documents are available from www.envirospec.co.nz

Photo

Press photographs of Styrodur can be found at www.basf.com/pressphoto-database under the key word "Plastics" and the search term "Styrodur".

About EnviroSpec

EnviroSpec Verification Services responds to the needs of product manufacturers and specifiers by speeding up the decision-making process.

EnviroSpec is an advanced consultancy that specializes in environmental specification markets and certification programmes. EnviroSpec Verification services provides the assessment and review of product and manufacturing data against existing standards, specifications or requirements.

www.envirospec.co.nz

About Green Star NZ

Green Star NZ is a rating tool for buildings operated by the New Zealand Green Building Council and encompasses environmental impact categories including management, water, materials, energy, land use & ecology, emissions, transport, IEQ and innovation.

www.nzgbc.org.nz

About BASF

BASF is the world's leading chemical company: The Chemical Company. Its portfolio ranges from chemicals, plastics and performance products to agricultural products, fine chemicals and oil and gas. As a reliable partner BASF creates chemistry to help its customers in virtually all industries to be more successful. With its high-value products and intelligent solutions, BASF plays an important role in finding answers to global challenges such as climate protection, energy efficiency, nutrition and mobility. BASF posted sales of more than €50 billion in 2009 and had approximately 105,000 employees as of the end of the year. Further information on BASF is available on the Internet at www.basf.com.