

News Release



New welding technology for thick insulation boards

- **Combinations of different insulation materials are possible**
- **Highly compression-proof Styrodur® boards (XPS) up to 240 mm available**

BASF has worked with a well-known machine manufacturer to develop a new technology for welding insulation boards. The contactless, thermal welding process makes it possible to combine a variety of insulation materials. For example, Styrodur®, the extruded rigid polystyrene foam from BASF, can be combined with polyurethane, inorganic insulation materials, or the melamine resin foam Basotect® to form completely new insulation material solutions. The Styrodur portfolio also includes new, especially thick boards made using this process in the highly compression-proof varieties Styrodur 4000 CS and 5000 CS. The boards cover the thickness range from 60 mm to 240 mm with a consistently good insulation value (λ : 0.035 W/(m·K)).

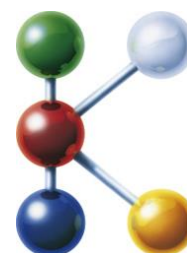
Advantages for the construction industry

Architects, planners, and craftsmen benefit from the new possibilities: the traditional advantages of the Styrodur board, such as low water absorption and high compressive strength, can be combined with the desirable properties of other building products. BASF has already patented a range of applications and product combinations. On this basis, the company is seeking to develop and advance new applications in building insulation together with interested partners.

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BASF at K 2016

Hall 5, booth C21/D21



basf.com/k2016

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BASF at K 2016

Where your ideas become ideal solutions: BASF at K fair from October 19-26, 2016 in Dusseldorf, Germany, in hall 5, booth C21/D21. You can find all related press releases, photos and further information here: basf.com/k2016.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 112,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organised into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions, and Oil & Gas. BASF generated sales of more than €70 billion in 2015. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA), and Zurich (AN). Further information at: www.basf.com.

About Styrodur®

The compression-proof, water-repellent, and rot-proof Styrodur® has protected homes from heat, cold, and moisture for more than 50 years. The green XPS is characterised by its reliable product quality as well as the continuous efforts to gain approvals. Today, Styrodur is the insulation material with the greatest number of officially approved uses in the German XPS market. Insulation with Styrodur prolongs the lifespan of buildings, increases their value, and improves the living environment. The various Styrodur types, which contain air as the cell gas, differ mainly in their compressive strength.

You can find more information on Styrodur on the homepage (www.styrodur.com).