

News Release



BASF becomes the first XPS manufacturer to obtain technical approvals (construction type) for products welded in a contactless process

- **Styrodur® 3000 SQ for inverted roofs and perimeters**

In mid-July 2017, BASF became the first XPS producer to receive a construction type approval for extruded foam boards welded in a contactless process. The general technical approvals Z-23.31-2083 and Z-23.33-2084 pertain to Styrodur® SQ in inverted roof and perimeter applications. Under the brand name Styrodur® 3000 SQ, products are sold with nominal thicknesses of 200, 240, and 300 mm, which are joined together in layers of three, four, or five to form a single board by means of contactless thermal welding applied across their whole surface.

These new products complete BASF's recently fully updated range, which boasts a uniform declared lambda value of 0.033 W/(m·K) in all board thicknesses. The compressive stress characteristics of the new 3000 SQ types have also been improved further. This provides architects, planners, and homeowners with a leaner wall construction coupled with increased insulation performance. The permissible compressive stress over 50 years at < 2% deformation, tested in accordance with DIN EN 1606, has been increased from 110 to 130 kPa.

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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).

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 114,000 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 organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of about €58 billion in 2016. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at www.basf.com.