

150 years



News Release

BASF launches solution for airtight, energy efficient construction

- **BASF launches WALLTITE® airtight insulation solution and quality control program in China**
- **Showcases advanced insulation in the Landsea Bruck project, by architect Peter Ruge**
- **BASF at IGEBEC: Booth A015, Level 4, China National Convention Centre, Beijing, China**

Beijing, China – March 24, 2015 – BASF is introducing WALLTITE®, an airtight insulation solution and a quality control program, at the 11th International Conference on Green and Energy-Efficient Building & New Technologies and Products Expo 2015 (IGEBEC) in Beijing, China. At the show, BASF will also showcase a broad range of innovative solutions that help address challenges arisen from ongoing urbanization and growing demand for better quality of living.

WALLTITE® enables energy efficient construction in China

WALLTITE®, a polyurethane (PU) sprayfoam based package solution, provides high quality, safe and energy efficient insulation for a variety of building types. “With the launch of WALLTITE®, BASF is reinforcing its commitment to supporting the growing demand for energy efficient construction in China,” said Andy Postlethwaite, Senior Vice President, Performance Materials, Asia Pacific, BASF. “The insulation solution, with its strict application requirements, is in line with the latest national standards and

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supports efforts to raise the energy efficiency of new buildings up to 75%.”

The distinctive purple colored, closed-cell WALLTITE® foam can be simply and quickly sprayed onto surfaces. Due to its initial liquid state, it enables all joints and hard-to-reach areas to be fully sealed, even for complex building structures. In this way, the seamless, airtight insulation prolongs the life span of buildings by preventing premature deterioration and reducing the risk of condensation and mold. WALLTITE® complies with the new national standard for energy efficiency in building construction, and fully meets strict B1 class requirements for fire safety.

WALLTITE® quality control program ensures safe and high performance of insulation

As part of the WALLTITE® package, BASF is also introducing a qualification training program for applicators and on-site quality control in China based on BASF testing standards, which meet and exceed the requirement of national standard.

Under this program, only certified applicators with training on the product, its safe handling and proper application will be allowed to install WALLTITE®. In addition, onsite control and engineering support will be provided by BASF experts. The program will ensure the high quality and safe application of the PU sprayfoam.

Solutions address global challenges and improve urban living

2015 marks the 150th year since BASF was founded. In China, BASF will focus its anniversary year on addressing the challenges of urban living through co-creation – a joint innovation method which brings diverse expertise together to solve common issues. “BASF actively supports sustainability in urban development in China. By developing projects jointly with leading partners, we can help address the challenges of urban living including energy efficiency, housing, air quality and others,” said Dr. Zheng Daqing, Senior Vice President, Business & Market Development Greater China, BASF. In a prominent example of co-creation, BASF has

provided a range of high performance products and solutions to the Landsea Bruck Project, the first certified Passive House for the hot summer / cold winter climate of the Yangtze River Delta region in China. The project was designed by architect Peter Ruge. At IGEBBC, BASF will showcase solutions used in the Passive House, including spray polyurethane foam for the roof and Neopor[®] innovative foam insulation solution for exterior walls, which help Landsea to address extreme climate conditions while fulfilling the high standards of a certified Passive House.

BASF solutions enable customers to meet stringent requirements

At the show, BASF Industry Team Construction China will exhibit a comprehensive range of raw material, product and system solutions from roof to floor, particularly diversified insulation solutions such as Finestone[®] EIFS (external insulation and finishing systems) including Finestone[®] STYRO-E, Finestone[®] Neo and Finestone[®] Rock Wool systems, as well as Neopor[®] innovative foams and other insulation solutions, which enable customers to meet various requirements on thermal insulation and fire protection.

Another key exhibit will be the new co-extrudable Ultradur[®] for the reinforcement of thermally insulated PVC window profiles, a solution recently added to BASF's insulation portfolio. As up to 40% of energy is lost through doors and windows, BASF has introduced Ultradur[®] to eliminate the thermal bridge created by the metal reinforcement of window profiles, as well as increasing energy-efficiency by up to 30%.

Other product highlights on display include Basotect[®] for excellent sound absorption, as well as Ucrete[®] and MasterTop[®] high performance floor systems. These floor systems belong to the Master Builders Solutions[®] range of products, which was launched in Asia Pacific in 2013, offering a portfolio of more than 35,000 construction products under one single brand. Also on show is inge[®] water ultrafiltration, which is a pillar technology in BASF's water treatment

portfolio that makes clean drinking water accessible and energy saving possible.

About BASF's Performance Materials Division

BASF's Performance Materials division encompasses the entire materials know-how of BASF regarding innovative, customized plastics under one roof. Globally active in four major industry sectors - transportation, construction, industrial applications and consumer goods – the division has a strong portfolio of products and services combined with a deep understanding of application-oriented system solutions. Key drivers of profitability and growth are our close collaboration with customers and a clear focus on solutions. Strong capabilities in R&D provide the basis to develop innovative products and applications. In 2014, the Performance Materials division achieved global sales of € 6.5 bn.

More information online: www.performance-materials.basf.com

About BASF

At BASF, we create chemistry – and have been doing so for 150 years. Our portfolio ranges from chemicals, plastics, performance products and crop protection products to oil and gas. As the world's leading chemical company, we combine economic success with environmental protection and social responsibility. Through science and innovation, we enable our customers in nearly every industry to meet the current and future needs of society. Our products and solutions contribute to conserving resources, ensuring nutrition and improving quality of life. We have summed up this contribution in our corporate purpose: We create chemistry for a sustainable future. BASF had sales of over €74 billion in 2014 and around 113,000 employees as of the end of the year. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (AN). Further information on BASF is available on the Internet at www.basf.com.