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News Release

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New foam grade Basotect® UF+ with improved emission profile

- **Sound absorbing and thermally insulating foam for special applications in rail vehicles and building technology**

BASF is now expanding its range of the melamine resin foam Basotect®: The new grade Basotect® UF+ with improved emission properties replaces the successful Basotect® UF and opens up additional fields of application. The exceptionally lightweight and flexible foam is ideally suited for the insulation of rail vehicles as well as of heating, ventilation and air-conditioning (HVAC) technology in buildings. At the same time it reduces effectively the noise level of the facilities. The new grade is globally available as of now.

Basotect® UF+ provides the same properties as its precursor Basotect® UF: high elasticity, low thermal conductivity, extremely low density of 7 kg/m³ without release of mineral fibers during processing. The high flexibility enables individual solutions to fit into very small gaps as well as for highly curved surfaces, e.g. ceilings and walls. Basotect® UF+ meets the highest fire safety requirements, including the American ASTM C1410 test standard for industrial applications.

Because of its dimensional stability, very low density and excellent flame retardant properties the BASF foam is also suitable for sound absorption and insulation of trains, subways and trams. Basotect® UF+ reaches the highest possible safety level for fire protection in the transportation sector (HL3 according to EN 45545) and can thus be employed in a variety of railway and rail vehicle categories.

Media Relations
Dr. Ulla Biernat
Phone: +49 621 60-42241
ulla.biernat@basf.com
www.plastics.basf.com

BASF SE
67056 Ludwigshafen
www.basf.com
presse.kontakt@basf.com

About Basotect®

Basotect® is an open-cell foam made from melamine resin with a unique property profile: Its base material makes it extremely flame-resistant without additional flame retardants. It can be used up to 240°C while maintaining its properties across a broad temperature range. Due to its open-cell foam structure, it is lightweight, sound-absorbing, flexible even at low temperatures, and has excellent thermal insulation properties. Basotect® is used in numerous industries, ranging from automotive, aerospace, construction to household applications.

More information: www.basotect.basf.com

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 2018, the Performance Materials division achieved global sales of €7.65 bn. More information online: www.plastics.basf.com.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 122,000 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 six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of around €63 billion in 2018. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information at www.basf.com.