News Release

BASF helps commuters enjoy quieter and more relaxed travel in Montreal subway cars

Bombardier trusts BASF's Basotect for sound & thermal insulation in its next generation metro cars

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WYANDOTTE, MI, April 29, 2014 -- BASF announced today that its versatile Basotect® melamine foam is now being used for thermal and acoustic insulation in the ceilings of 468 new metro cars being built by Bombardier for the next generation Montreal subway. Bombardier chose Basotect based acoustic foam parts provided by Artik/OEM, Inc., a foam converter with locations in Canada as well as the United States servicing Bombardier. With a density of only 9 kg/m³, Basotect helps to reduce the overall weight of the cars and thus contributes to the goals of Bombardier to enhance performance and to increase the energy efficiency of their trains. Using Basotect to replace fiberglass resulted in a 35% weight savings of the roof insulation. In addition, installation of the Basotect parts at the La Pocatière, Quebec facility is much simpler, providing time and cost savings. This is all accomplished without having to sacrifice sound absorption or on fire properties of the insulation.

Its unique properties profile makes Basotect the leading solution for optimum noise management and thermal insulation of subway cars. Due to Basotect's open-cell, fine foam structure, the sound absorption values in the medium and high frequency ranges are very good. Therefore, passengers of the Montreal subway will experience lower levels of noise within the cars and a more comfortable environment overall.

With a thermal conductivity of less than 0.24 Btu-in/h-ft^2-ºF, the foam helps to minimize loss of thermal energy and to keep the inside of the train comfortable. The thermoset melamine resin, which is the base material of

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Basotect, makes it intrinsically flame-retardant. These fire resistant properties aid in the foam's ability to meet ASTM E162/E662 and ASTM E1354, which are prerequisites for materials to be approved for use in trains.

The melamine resin foam is easily processed by blade and wire-cutting as well as by sawing and milling – enabling dimensions and contours of customized components to be easily and exactly produced. All parties worked together to create "press in place" Basotect parts for the roof cavity compartments. Jim Graham, Vice President of Business Development at Artik/OEM, added: "The Basotect parts are supplied to the exact dimensions needed so that Bombardier can pressure fit them into the cavities of the car structure itself, increasing ease of installation and the overall speed of manufacturing."

For a press photo, please click on the following link:

http://www.basf.us/pressphotos/04-29-14_BombardierNewMetroCar.jpg

Photo caption: Bombardier's new Montréal metro featuring BASF's Basotect® melamine foam for superior sound and thermal insulation.

Photo courtesy of Bombardier, Inc.

Basotect is a registered trademark of BASF SE.

About Basotect

Basotect foam has a unique range of properties. Its base material makes it flame-retardant and abrasive; it can be used at up to 240°C and retains its properties over a wide temperature range. Because of its open-cell foam structure, it is light, sound-absorbing, thermally insulating and flexible even at low temperatures. For more information, please visit www.basotect.com.

To learn more about other BASF solutions to the Mass Transit industry, please visit: http://mass-transit.basf.us/.

BASF - The Chemical Company

BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has nearly 17,000 employees in North America, and had sales of $19.3 billion in 2013. For more information about BASF's North American operations, visit www.basf.us.

BASF is the world's leading chemical company: The Chemical Company. Its portfolio ranges from chemicals, plastics, performance products and crop protection products to oil and gas. 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 about €74 billion in 2013 and over 112,000 employees as of the end of the year. Further information on BASF is available on the Internet at www.basf.com.