

News Release



BASF and Hemmelrath Technologies enter into development partnership

■ Cooperation to increase the speed and quality of coatings and paint production

BASF and Hemmelrath Technologies, a company that is specialized in modular facility concepts for the production of paint and coatings, have decided to cooperate in order to develop future-oriented concepts of pigment technology. The aim pursued by both partners is to improve the output and quality of coatings and paint production and save costs through the introduction of new processes. Both organizations plan to combine the modular coating plant technology (MoFa-Technology), which is well known in the industry, with pigment preparations from the Xfast® range of BASF.

Hemmelrath Technologies, which is based in Erlenbach (Bavaria/Germany), is a process innovator in the field of paste production for coatings and paint. The company has developed the so-called MoFa-Technology where the individual steps of coating production are combined and interlinked in one single facility. This technology leads to significant savings in energy, raw material and time compared with traditional production procedures and can be used both for large and small production quantities.

Use of Xfast pigment preparations

In joint tests, Hemmelrath Technologies and BASF want to develop concepts to combine MoFa-Technology with pigment preparations and are going to use the concentrated, solid preparations from the

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Xfast range of BASF to this end. These stir-in pigments in the shape of free-flowing granules that are low in dust can be stirred directly into aqueous coatings and paint formulations and disperse in no time at all. It is no longer necessary to grind the pigment particles in a bead mill.

“Our aim is to find out how to best combine the benefits of the MoFa-Technology with the Xfast pigment preparation,” says Stefan Sütterlin, head of the pigment business of BASF in Europe. Technicians of both companies will provide their expertise and jointly develop coating formulations. “The first feasibility studies have been successful. We are convinced that we will set new market standards in quality, cost optimization and productivity,” underlines Sütterlin.

About BASF's Dispersions & Pigments Division

The Dispersions & Pigments division of BASF develops, produces and markets a range of high-quality pigments, resins, additives and polymer dispersions worldwide. These raw materials are used in formulations for coatings and paints, printing and packaging products, construction chemicals, adhesives, fiber bondings, plastics as well as for electronic applications such as displays. With its comprehensive product portfolio and its extensive knowledge of the industry, the Dispersions & Pigments division offers its customers innovative and sustainable solutions and helps them advance their formulations. For further information about the Dispersions & Pigments division, please visit <http://www.dispersions-pigments.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 about €74 billion in 2013 and over 112,000 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.