

News Release



Master Builders Solutions® at Barcelona Building Construmat

- **MasterSuna among finalists of the award for the most innovative product**
- **Construction products for increased efficiency and reduced costs and emissions**
- **Presentation of the new sustainability campaign**

Barcelona, Spain, May 24, 2017 – From May 23 to 26, Master Builders Solutions® experts from BASF will present their solutions for customers from the construction industry at the international trade show Barcelona Building Construmat at booth number D448 in

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pavilion number 2. The solutions presented also include the new MasterSuna SBS concrete admixture which is among the finalists for the 2017 innovation award of the Barcelona Building Construmat. The award ceremony will take place on May 24.

Based on an innovative molecule structure, the new MasterSuna enables sands containing swelling clay to be used in the production of high-quality concrete. This in turn enables concrete producers to significantly reduce their costs. Given their availability, sands contaminated with swelling clay from local sources can be used, thereby reducing, or omitting the need to secure additional suitable sands from remote sources.

Owners of sand quarries can also benefit from the use of MasterSuna SBS. Historically, sands contaminated with swelling clay could only be utilized in less-demanding applications, if at all. However, MasterSuna SBS now makes it possible to use existing deposits to a much greater extent. Furthermore, the washing and pre-treatment of local sands can also be reduced, thus increasing the economic value of the sand quarry. At the same time, the number of new sand quarries to be developed can be reduced as well.

Broad product portfolio of Master Builders Solutions

At the Barcelona Building Construmat BASF will present its broad portfolio of solutions for the construction industry. For example, MasterTop 1327-20dB, the latest flooring technology from Master Builders Solutions. It reduces impact sound by 20 decibels, while offering numerous sustainable benefits like low material consumption, high durability, and lower life cycle costs.

The silane-based corrosion inhibitor MasterProtect 8000 CI provides protection of reinforced concrete structures in two ways, firstly by the corrosion inhibition, which strengthens the passive layer on the steel, and secondly by reducing the ingress of water by creating a hydrophobic barrier in the concrete matrix. This unique combination makes the product ideal for service life extension after repair.

The advantages of the elastic waterproofing slurry MasterSeal 6100 FX are based upon a combination of powerful binding systems and powdery polymers. The product was designed and developed in alignment with LEED criteria (Leadership in Energy and Environmental Design) for ecologically high-performing buildings: According to this standard MasterSeal 6100 FX scores extremely well due to the use of recycled content, regional material, and low-emitting materials.

New sustainability campaign

At the BASF booth at Barcelona Building Construmat, visitors will have the opportunity to stay current on how products from Master Builders Solutions help improve eco-efficiency. Customers are enabled to, for instance, utilize resources more efficiently and significantly reduce costs, as documented by assessment methods such as BASF's Eco-Efficiency Analysis or the Life-Cycle Analyzer. Providing many relevant examples, the Europe-wide Master Builders Solutions sustainability campaign was launched in 2017. The campaign showcases projects where customers were able to increase their productivity while at the same time reduce costs and emissions thanks to the advanced chemistry from BASF. In one such example, the precast manufacturer Uniblok – a Velatia company in Toledo, Spain – achieves extraordinary results with their concrete by mixing in MasterFiber. The advanced fiber technology from Master Builders Solutions strengthens concrete and reduces the amount of steel reinforcement required. With MasterFiber Uniblok could increase their efficiency by 10% and reduce their global warming potential by 21%. Additional project case studies can be found on the new website at www.sustainability.master-builders-solutions.basf.com.

More information on MasterSuna as well as on other innovative products of Master Builders Solutions can be found at:
www.master-builders-solutions.basf.com

About the innovation prizes of the Barcelona Building Construmat

The purpose of the awards is to recognize and promote the projects and initiatives that represent and generate added value in the construction sector in different areas like constructed project, innovative project and/or service, innovative product and/or material.

This year's edition will be honoring technical excellence and the ability to find solutions to the new challenges facing the sector in terms of design quality, innovation and environmental, economic and social sustainability.

About the Construction Chemicals division

BASF's Construction Chemicals division offers advanced chemical solutions under the global umbrella brand Master Builders Solutions for the construction, maintenance, repair and renovation of structures. The brand is built on more than 100 years of experience in the construction industry. Our comprehensive portfolio encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing systems, sealants, concrete repair & protection systems, performance grouts, performance flooring systems, tile-fixing systems, expansion joints & control systems and wood protection solutions.

The Construction Chemicals division's approximately 6,000 employees form a global community of building experts. To solve our customers' specific construction challenges from conception through to completion of a project, we draw on our specialist know-how, regional expertise and the experience gained in countless constructions projects worldwide. We leverage global BASF technologies and our in-depth knowledge of local building needs to develop innovations that help make our customers more successful and drive sustainable construction.

The division operates production sites and sales offices in more than 60 countries and achieved sales of about €2.3 billion in 2016.

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.