



## News Release

12 September 2019

### **BASF launches Master X-Seed<sup>®</sup> STE admixture to the Australian and New Zealand concrete markets**

**» A revolutionary technology that redefines concrete strength**

**» Enhances concrete performance while reducing environmental impact**

Melbourne, Australia – September 12, 2019 – BASF has launched an innovative strength-enhancing admixture solution for the construction industry at the Concrete 2019 conference in Sydney. The new solution, Master X-Seed STE, significantly improves both early and late-age strength development in concrete and helps make concrete production more efficient.

The concept originated from BASF's Master X-Seed patented technology, a unique seeding technology used to promote Calcium Silicate Hydrate through synthetically produced nanoparticles. Master X-Seed STE further enhances concrete's strength development and performance characteristics.

"Through a localized development program, our Australian team has been successful in commercializing this new technology for the Australian and New Zealand markets," said Jason Bolt, BASF Head of Construction, Australia and New Zealand.

"The strength enhancement abilities of our technology can increase concrete strength without the addition of cement and increase the percentage of

supplementary cementitious materials needed to produce the same strength results per cubic meter of concrete. These properties help to reduce the carbon footprint of concrete production.”

Master X-Seed STE admixture allows concrete producers to expand the performance space of a given concrete mixture and optimize the cementitious content, by permitting a strength safety factor up to 15%. This allows earlier stripping of forms to improve production efficiency. It is recommended for use in ready-mixed and precast concrete and Self-Consolidating Concrete (SCC).

### **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 7,000 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 €2.5 billion in 2018.

### **About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The more than 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 more than €63 billion in 2018. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at [www.basf.com](http://www.basf.com).