



## News Release

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### **MasterProtect 9000: New, highly durable coating system for offshore wind turbine foundations**

- » **25 years durable protection of splash and submerged zone of offshore steel structures**
- » **Full system applied in just one day, allowing considerably faster production of the foundations**
- » **System approved in accordance with international standards NORSOK M-501 and ISO 20340**

Master Builders Solutions<sup>®</sup> has launched MasterProtect 9000, the first coating system which ensures 25 years of maintenance-free protection for offshore and marine structures.

The official launch event took place on November 6-7, 2019 in Bremen, Germany. During the two-day event, a large group of customers and key players in the global wind industry attended presentations and live demonstrations showing great interest in the first-class performance of the system.

MasterProtect 9000 was developed by the Master Builders Solutions laboratory experts during several years of research. The revolutionary coating system is based on a hard wearing high-build hydrophobic PU membrane which provides extremely effective protection for two main critical areas of the offshore structure:

the splash zone and the submerged part of the foundations. Additional properties of the system are chemical and mechanical resistance and high flexibility. The hydrophobic properties protect the steel structure from the aggressive impact of seawater. The chemical and mechanical resistance of the product are fit to withstand severe attack by waves, abrasion and impacts, especially affecting the splash zone. The high flexibility ensures that the barrier will not crack and will keep its integrity even after years of weathering, impact and vibrations. The combination of all these properties results in a consistent, reliable and highly durable protection against steel corrosion.

Furthermore, MasterProtect 9000 helps in significantly reducing the application time and cost compared with the most common epoxy paint systems used in the market as the full system can be applied in only one day. The rate at which the offshore jacket foundations are manufactured in series is strongly dependent on the application of the coating system. The fast curing times of the individual components of MasterProtect 9000 allow for a considerable increase in output of foundation structures during production.

The system has been tested by the accredited independent Fraunhofer institute in accordance with the international standards Norsok M-501 and ISO 20340. Successful testing and certification have laid the foundations for recognition by classification and insurance bodies and acceptance by the offshore market.

To learn more, please visit our solution page [LINK](#)

#### **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 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](http://www.basf.com).