

Cementir Group Launches AALBORG INBIND™ in Europe, a Binder Solution for High-Performance Mortar and Concrete Applications

The flexible and reliable binder solution empowers the local precast manufacturers to produce a customized UHPC optimizing costs by leveraging on local available materials.

Cementir Group launches today a new binder product for high-performance mortar and concrete applications in Europe, AALBORG INBIND™, which is a sustainable premixed white cementitious product, based on FUTURECEM® patented technology, within InWhite® Solutions.

“We are proud to accelerate Ultra High Performance Concrete (UHPC) technology utilization by launching a new binder solution, INBIND™, which is the valuable complement to our existing range. The scaling-up on UHPC technology depends mainly on the stable supply of SCM materials. Besides, the specific needs of local projects have led precasters to look for their own UHPC by using local aggregates and chemical admixtures. UHPC development is, indeed, complex, time-consuming with a high trial-and-error cost, requiring large amount of SCM materials that are often in short supply. INBIND™ is set to meet the market needs by providing flexible and user-friendly binder solution optimizing costs by leveraging on local available materials.”, has stated Michele Di Marino, Group Chief Sales, Marketing and Commercial Development Officer.

INBIND™ empowers precasters to have a sustainable quality product supply thanks to FUTURECEM® patented technology which relies on limestone and calcined clays main constituents, without being constrained by the availability and quality of by-products from other industries, i.e mainly slag and fly ashes.

INBIND™ is a reliable binder solution for UHPC thanks to its predictable performance with fully documented properties. It is an efficient support for precast producers to easily formulate their desired UHPC and quickly catch the project opportunities, optimizing costs.

As part of our fast-prototyping and pre-launch phases, INBIND™ has been tested by selected customers. With the support of our technical team in co-designing mixes a compressive strength @165 MPa has been achieved. Key steps in the co-designing were optimizing aggregates packing, fixing the water to binder ratio @0.25 and adjusting the superplasticizer dosage to get a self-levelling material.

Download brochure/product info sheet and watch the E-learning video to know more about AALBORG INBIND™, a binder solution based on FUTURECEM® patented limestone calcined clay technology:
<https://www.aalborgwhite.com/aalborg-white-world/innovation/aalborg-inbindr>

“We are also excited about our next phase of innovation as our UHPC bridge overlay product AALBORG RECOVER™ has been in the trial phase and will be available for the infrastructure applications by end of 2022.”, has added Michele Di Marino, Group Chief Sales, Marketing and Commercial Development Officer.

AALBORG INWHITE SOLUTION®

Cementir Group established a global innovation engine for white cement, InWhite®, with the purpose of generating a prioritized and actionable pipeline of high potential customer value proposition global initiatives, bringing new solutions for well-known applications, or completely new applications for white cement-based products, aligned to megatrends detected in the society, such as customization, circular economy and high-energy efficient solutions.

The InWhite® platform benefits from the Group's global knowledge on both well-established and emerging applications for white cement and technical knowhow of its internationally acclaimed R&D center located at Aalborg, Denmark.

AALBORG INWHITE SOLUTION® has become the umbrella brand for commercialized high value adding and high-performing products, identified and developed under InWhite® initiatives, that Cementir Holding will serve to the building industry.

Find out more at www.aalborgwhite.com , or follow AALBORG WHITE® at LinkedIn, Instagram and YouTube.

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