

news release

ArcelorMittal awarded for innovative concrete dowel technology

Munich, 22 January 2015 - ArcelorMittal Europe – Long Products is awarded by the German steel construction industry for the development of “CoSFB-Betondübel”, an innovative concrete dowel technology. This innovation is part of the design of CoSFB (Composite Slim-Floor Beam), a new ingenious floor beam. The prize ceremony took place on 20th January 2015 at the fair BAU 2015 in Munich.

The development of CoSFB-Betondübel

The development of the integrated floor beam was initiated by ArcelorMittal’s Technical Advisory team in Esch-sur-Alzette, Luxembourg (Matthias Braun and Dr Oliver Hechler). Key of this success story was the close collaboration and the early involvement of ArcelorMittal Construction France (Vincent Birarda) and ArcelorMittal Global R&D, Esch-sur-Alzette (Dr Renata Obiala, Dr Olivier Vassart).

Consensus about the current and future market demand was quickly leading to the decision to develop a new shear connector for integrated floor beams, the CoSFB-Betondübel.

Thanks to an immediate project launch, first test results were already available after six months. This enabled a direct implementation of the new technology in first reference projects. The parallel improvement and development of slab elements - Cofradal 260 and Cofraplus 220 - completes the product portfolio and provides sustainable and economic floor solutions.

The integrated floor beam is a sustainable solution for European markets and fills a gap in the construction sector - the deployment of this concept has started. References already exist in Luxembourg and France. Since August 2014, a National Approval for CoSFB-Betondübel is available for the German market and the technology is prescribed in first construction biddings.

Press contact:

Arne Langner, +49 221 5729 219

About ArcelorMittal

Germany

With a production volume of around 7 million tonnes crude steel, ArcelorMittal is among the largest steel producer in Germany. Its customers come from the automotive, construction and packaging industry, household appliances also belong to ArcelorMittal's customers in Germany. The group runs four large production sites in the country. These are two fully integrated flat carbon sites in Bremen and Eisenhüttenstadt as well as two long carbon sites in Hamburg and Duisburg. Moreover the group has seven steel service centers and 16 distribution centers in the federal republic. ArcelorMittal employs more than 8,000 people in Germany.

<http://germany.arcelormittal.com>

Worldwide

ArcelorMittal is the world's leading steel and mining company, with a presence in more than 60 countries.

ArcelorMittal is the leader in all major global carbon steel markets, including automotive, construction, household appliances and packaging, with leading R&D and technology. The Group also has a world class mining business with a global portfolio of over 20 mines in operation and development, and is the world's 4th largest iron ore producer. With operations in over 22 countries spanning four continents, the Company covers all of the key industrial markets, from emerging to mature, and has outstanding distribution networks.

Through its core values of sustainability, quality and leadership, ArcelorMittal commits to operating in a responsible way with respect to the health, safety and well-being of its employees, contractors and the communities in which it operates. It is also committed to the sustainable management of the environment. It takes a leading role in the industry's efforts to develop breakthrough steelmaking technologies and is actively researching and developing steel-based technologies and solutions that contribute to combat climate change. ArcelorMittal is a member of the FTSE4Good Index and the Dow Jones Sustainability World Index.

In 2013, ArcelorMittal had revenues of \$79.4 billion and crude steel production of 91.2 million tonnes, iron ore deliveries amounted to 58 million tons.

ArcelorMittal is listed on the stock exchanges of New York (MT), Amsterdam (MT), Paris (MT), Luxembourg (MT) and on the Spanish stock exchanges of Barcelona, Bilbao, Madrid and Valencia (MTS).

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