

Diamant Metallplastic: Research and Development

New Center Building and Infrastructure Engineering of the Cluster Building of the RWTH Aachen Campus

The institutes for steel construction, solid construction, road and building research at RWTH Aachen University have founded a new Center Building and Infrastructure Engineering (CBI) with eleven companies as members. One of the members is the polymer and coating specialist Diamant Metallplastic from Mönchengladbach.

In the CBI, the institutes for steel construction, solid construction, building research and road sector of the University of RWTH Aachen deal with the topics of building construction, bridge construction and infrastructure.

The areas of activity of the Center Building and Infrastructure Engineering are the research, development and market introduction of innovative, tailor-made, application-optimized materials, construction methods, procedures and concepts - also in connection with the digitization of constructive engineering and transport infrastructure construction. Another focus of the CBI is to simplify transitions into regulations and approvals, so that innovations can be used faster. The starting signal for the CBI was given on 1.1.2019. Since then, eleven companies have been working towards a common goal: more innovation, research and development for the construction industry.

After many years of cooperation with the RWTH Aachen University, the Mönchengladbach-based polymer and coating specialist Diamant Metallplastic is also co-founding the CBI at the RWTH Aachen Campus.

As early as two years ago, the so-called "Injection Pad" had been developed in a joint project with the Institute of Steel Structures of the RWTH Aachen University: an innovative, fast, safe and 100% form and force locking solution for gap compensation in the off-shore area.

Diamant Metallplastic GmbH, based in Mönchengladbach in the Rhineland, develops, formulates and produces metal polymers and coatings for the metal processing industry, casting, steel and bridge construction and shipbuilding. Founded in 1886 and still managed as a family-owned company, Diamant Metallplastic GmbH has a global sales network with over 40 foreign agencies in major industrial centers around the world.