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DYNAMax: HERACLES Group's new high strength and ultimate performance concrete range pushes the boundaries of architectural design

With a firm focus on innovation and added-value creation in contemporary sustainable construction, **HERACLES Group** is enlarging its product offer with the **new DYNAMax concrete range**. It is a high-performance concrete, characterized by very high strength (C 60/75 to C 120/135), high rigidity (over 40 GPa) and superior durability, making it ideal for high-rise buildings and complex infrastructure projects with a reduced carbon footprint throughout their life cycle.

Specifically, HERACLES Group's innovative DYNAMax concrete range provides new, greater capabilities and design freedom, enabling unlimited, smart design, with thinner and longer cross-sections of higher functionality and greater floor plan variability. Moreover, it meets the current environmental challenges as well as the most demanding technical specifications, both nationally and internationally.

The advanced characteristics and unique properties of DYNAMax concrete offer solutions to the challenges of the construction sector, in line with the principle: "Build better with less." In particular, the DYNAMax range enables the construction of structures with significantly less concrete, thus reducing the carbon footprint of the construction. In addition, it is fully recyclable, thus helping to save resources as well as promoting the principles of the circular economy. Finally, the DYNAMax range is characterized by particularly high strength and rigidity, leading to significantly reduced maintenance needs throughout the life cycle of the building. Combining all these advantages with the early strength development leads to cost savings on the construction.

HERACLES Group remains the leader of the country's construction industry, offering modern solutions fully harmonized with its environmental goals, contributing to the effort for building decarbonization and smart cities.