

DYNAMax[®]

Designed by the most innovative minds in materials design and application, DYNAMax concrete has high-performance, sustainability and resource-saving benefits that make it the ultimate solution for your project.

DYNAMax high-performance properties are also disrupting the standards by putting greater design freedom in the hands of architects and designers—creating an opportunity for them to aspire to go higher. As an integrated part of the engineering design process and speculations, DYNAMax allows you to rise to society's challenge for more structures offering unique visual appeal, but without compromising functionality or environmental commitments.

As a resource-saving sustainable concrete, it can help reduce a project's overall carbon footprint, making it possible for you to use fewer materials—and that means less production and transportation.

Applications:

Exposed components

Large spans

Columns and beams

Slabs

Parking garages

Stairways and elevator shafts

Benefits

Higher stability and longer spans achieved by very high compressive strengths, superior rigidity and a high E-Modulus.

High design freedom, enabling more functional and appealing structures.

Ability to achieve thinner cross-sections for columns, walls and slabs as well as substantially longer spans and longer column grids: giving you greater design flexibility, improved functionality and more usable space for the same building volume.

Improved environmental profile for your building.

Very high strength and durability, which significantly increases the technical service life of buildings.

Excellent corrosion resistance and outstanding performance of exposed concrete components, which allows resistance to extreme weather events, reduced maintenance costs and longer service life.