



LCA ACCORDING TO ISO 14040/44

EPD ACCORDING TO ISO 14025/EN15804

SELF-DRILLING HOLLOW BAR SYSTEM LEADING IN SUSTAINABILITY

Geotech Anchoring Systems is the first producer of self-drilling hollow bar systems to have the environmental impact of Self-drilling hollow bar systems production investigated and published through an LCA (Life Cycle Assessment) and EPD (Environmental Product Declaration).

HOW GREEN IS AN SELF DRILLING HOLLOW BAR SYSTEM?

To approve how green the production of our self-drilling hollow bar system is, independent scientific methods are available to determine the environmental impact. These methods, the LCA according to ISO 14040/44 and the EPD according to ISO 14025, indicate the environmental damage through different indicators.

GEOTECH ANCHORING SYSTEMS LCA

In 2021, Geotech Anchoring Systems commissioned Aveco de Bondt to prepare an LCA for the steel of a self-drilling hollow bar system from Geotech Anchoring Systems.

GEOTECH ANCHORING SYSTEMS EPD

The results of the LCA were incorporated into an EPD, EN 15804. The EPD is a result of an LCA report. Having this EPD provides an advantage in 'sustainable' building when the product is applied. In tenders, a lower EIP value can be taken into account than is shown in the NMD (national environment database).