HH columns make their first appearance

The range of applications for high-performance concrete has considerably increased since the 1970s. Compressive strengths up to 100N/mm² have been obtained, but strengths over 130N/mm² are technically possible. By combining high-strength steel and high-performance concrete, so-called HH columns can be produced exceeding the requirements of normal standards and rules.
This project in Frankfurt Niederrad, Germany, demonstrated that both the mix design and the components used can only be effectively brought together by employing a rigorous quality assurance plan.

Dipl.-Ing. Hanns-Christoph Zebe

The use of high-performance concrete cost-effective structures by enlarging the houses shops, a restaurant and conference