

Concretum D-ZERO / D-ZERO Plus

Concrete and Mortar with Low Shrinkage

Concretum® D-ZERO und D-ZERO Plus are concretes which feature very low shrinkage and very low risk of cracking. They can be used for all concrete structures in which cracking must be controlled.

Unlike D-ZERO, D-ZERO Plus is used for massive structures (smallest dimension greater than 25 cm) with intense heat of hydration.

Both types of concrete are produced in concrete plants.

Applications

- Construction and repair of concrete structures in building and civil engineering with high requirements regarding durability and crack prevention.
- Concrete structures with large joint distances or entirely without joints.
- Manufacturing of precast concrete elements with high requirements regarding crack control or crack prevention.
- Construction and repair of concrete structures which are known to be sensitive to cracking when built with conventional concretes (e.g. shoulder walls and curbs, concrete pavements, inner curbs of roundabouts etc.)
- Waterproof concretes (e.g. groundwater structures).
- Manufacturing of bottom plates, warehouse floors and industrial floors (homogeneous concrete).

Material properties

- Concretum® D-ZERO and D-ZERO Plus are concretes according to EN 206-1 which meet the highest requirements.
- Due to shrinkage reduction and limited heat of hydration, they feature low risk of cracking, high impermeability and high durability.
- Depending on the application, Concretum® D-ZERO and D-ZERO Plus can be reinforced by Concretum® SUPERFIBER. Please take notice of the product information on SUPERFIBER 40/8.
- Depending on the requirements, Concretum® D-ZERO and D-ZERO Plus are available with high resistance against frost and de-icing salts.

Further information

- [Product information D-ZERO/D-ZERO Plus](#)
- [References](#)
- [Sources of supply](#)



Application e.g. for shoulder walls and shoulder curbs of bridges.