

## Concretum Q-FLASH 10/20

### Rapid-Hardening Concrete

Concretum® Q-FLASH 10/20 is a rapid-hardening concrete. It is ready for reloading only ten hours after concrete mixing. Furthermore, Concretum® Q-FLASH 10/20 dries very fast which accelerates the construction process. Concretum® Q-FLASH 10/20 is produced in concrete plants.

#### Applications

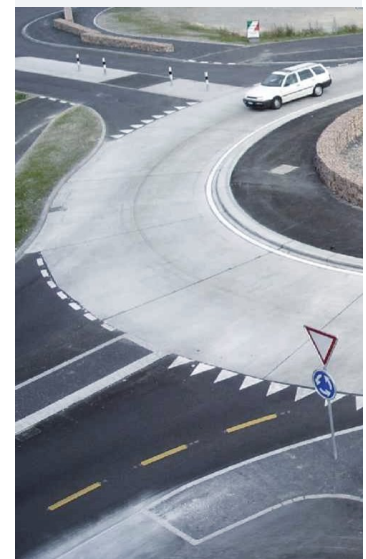
- All sorts of rapid-hardening concrete applications.
- In general for casting concrete structures that dry extremely fast.
- Maintenance and construction of concrete carriageways with very short off-times (roundabouts, bus stops etc.)
- Screeds and repair of bridge floors.
- Foundations, supporting members, bottom plates and floor slabs.
- Replacement and maintenance of solid railway basements.
- Production of precast concrete elements with short stripping times.

#### Material properties

- Concretum® Q-FLASH 10/20 enables the production of concrete elements which feature a compressive strength  $f_c$  of at least 20 N/mm<sup>2</sup> only ten hours after concrete mixing.
- 48 hours after mixing Concretum® Q-FLASH 10/20 arrives at a moisture content of 4.0 CM-%. This enables immediate subsequent applications such as sealings on bridgedecks or flooring systems.
- The workability of Concretum® Q-FLASH 10/20 is good for at least 1.5 hours.
- Concretum® Q-FLASH 10/20 features low shrinkage and low heat of hydration. Therefore, construction units made of Concretum® Q-FLASH 10/20 show low risk of cracking and are immensely durable.
- Depending on the application, Concretum® Q-FLASH 10/20 can be reinforced by Concretum® SUPERFIBER. Please take notice of the product information on SUPERFIBER 40/8.

#### Further information

- References
- Sources of supply



Application e.g. for repair of roundabouts with short off-times. 