

MasterRoc[®] TCC 780

Liquid pumping aid

Product description

MasterRoc TCC 780 is a highly effective pumping aid that makes the concrete thixotropic and easy to pump, eliminating the risk of segregation.

As it does not contribute to water reduction, it should always be used in combination with water reducing admixtures such as superplasticizers. For advice, please consult your local BASF representative.

Fields of application

- Wet-mix sprayed concrete applications
- Cast concrete
- Concrete with low cement content
- Concrete with deficient aggregate grading or low fine content
- Annulus grouting (TBM)

Features and Benefits

MasterRoc TCC 780 considerably improves the properties of fresh and hardened concrete.

- Improved pumpability, especially with low cement content, lack of fines and badly graded aggregates
- Reduces the risk of segregation even at high slump
- Improved concrete sprayability and less rebound
- Higher cohesion, which allows reduced accelerator consumption

Packaging

MasterRoc TCC 780 is supplied in 210 liter drums, 1000 liter IBCs or in bulk.

Technical data

| | |
|---------------------|-------------------|
| Form | Liquid |
| Color | Transparent |
| Density at +20°C | 1.0±0.01 kg/liter |
| pH value | 7-9.5 |
| Viscosity at +20°C | 300-700 mPa.s |
| Solubility in water | Total |
| Chloride content | <0.1% |

Mixing

MasterRoc TCC 780 is added during batching. The recommended dosage is 1-10 kg per 1m³ of concrete, depending on the field of application and local conditions.

Storage

The storage temperature for MasterRoc TCC 780 is between +5°C and +50°C. If stored in tightly closed original containers and under the above conditions, it has a shelf life of at least 12 months. Please contact your local BASF representative prior to the use of any products that have frozen.

Safety precautions

Avoid eye and skin contact and wear rubber gloves and safety glasses.

For further information refer to product Material Safety Data Sheet.



We create chemistry

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The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed. For additional information or questions, please contact your local representative.

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