

# MasterRoc<sup>®</sup> TCC 780

## Liquid pumping aid

### 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 1m<sup>3</sup> 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.



We create chemistry

# MasterRoc<sup>®</sup> TCC 780

## SAFETY PRECAUTIONS

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

For further information refer to product Material Safety Data Sheet.

\* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.

**BASF\_CC-UAE/Roc\_TCC780/v1/10\_13**

### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

### NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.

**BASF Construction Chemicals UAE LLC**  
P.O. Box 37127, Dubai, UAE  
Tel: +971 4 8090800, Fax: +971 4 8851002  
[www.master-builders-solutions.basf.ae](http://www.master-builders-solutions.basf.ae)

**Disclaimer:** the LRQA mark relates to certified management system and not to the product mentioned on this datasheet



**MASTER<sup>®</sup>**  
**» BUILDERS**  
**SOLUTIONS**