



## MEYCO<sup>®</sup> TCC 735 (INTERIM DATA SHEET)

Chloride free internal curing liquid admixture  
for MEYCO<sup>®</sup> TCC (Total Consistency Control)

### DESCRIPTION

**Meyco TCC 735** is a liquid admixture for internal curing of concrete, shotcrete and mortars. **Meyco TCC 735** is free of chlorides and produces an internal membrane which protects and prevents fresh concrete, shotcrete and mortar against over-rapid water evaporation. It also improves pumpability and stability of the fresh concrete, shotcrete or mortar.

### RECOMMENDED FOR

- All applications of concrete, shotcrete or mortar where protection against over-rapid evaporation is needed and shrinkage has to be prevented and reduced as well as in places where good bonding to the substrate is required and high final strengths are required. **Meyco TCC 735** is part of the **Meyco TCC System**.

### FEATURES & BENEFITS

**Meyco TCC 735 considerably improves the properties of fresh and hardened concrete.**

- **Protects against over-rapid evaporation of the fresh concrete, shotcrete or mortar.**
- **Improves impermeability.**
- **Improves bonding to substrate**
- **Has no negative influence on bonding if a second layer of concrete, shotcrete or mortar is applied (improves bonding between layers).**
- **Improves and completes the hydration of all cement types.**
- **Improves final strengths**
- **Improves workability and pumpability, especially with low cement content and lack of fines in the mix, thus making workability more independent of the grading of the aggregates.**

### COMPATIBILITY

**Meyco TCC 735** is compatible with all types of microsilica, cements, MBT air entraining agents, Rheobuild 3000 series polymers, Rheobuild 3505, Rheobuild 3510, Rheobuild 3520, Rheobuild 3530, Meyco TCC 780, Meyco TCC 765, XA 1050 and Delvo Stabiliser.

In shotcrete it is compatible with Delvo Activators S-51, S-61, S-71, Meyco Gunite F-100, Meyco Gunite F-120, Meyco Gunite F96, Meyco Gunite 430 and Meyco TCC Activators XA790 and Meyco TCC 765 added at the nozzle.

The use of Meyco TCC 735 in combination with BNS superplasticisers could cause instant loss of workability, please contact your local MBT representative.

### SPECIFICATIONS

Form	liquid
Colour	milky white
Density at +20°C	0.9-1.0cm <sup>3</sup>
pH value	8-10
Viscosity at +20°C	>150± 25mPas
Solubility in water	total

### APPLICATION DIRECTIONS

#### Mixing

**Meyco TCC 735** must be stirred well before use (roll drums) **Meyco TCC 735** is a ready to use liquid which is dispensed into the concrete together with the mixing water. the addition of **Meyco TCC 735** to dry aggregates or cement is not recommended.

The best effect is achieved if **Meyco TCC 735** is added to the damp concrete after 80-100% of the mixing water has been added.

**Meyco TCC 735** can be added through normal dispensers for admixtures.

#### Dosage

**Meyco TCC 735** is normally dispensed at a rate of 4-10L/m<sup>3</sup>. Other dosages may be required depending on the specific working conditions.



### SHELF LIFE

**Meyco TCC 735**, in tightly closed original containers, has a shelf life of at least 6 months. Material must be stirred before use. The temperature of the storage place must not drop below 5°C, nor exceed 50°C. If **Meyco TCC 735** has frozen, contact your local MBT representative before using.

### PACKAGING

**Meyco TCC 735** is supplied in 205 litre drums or in bulk.

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this MBT publication is 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 Commonwealth or State legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

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