

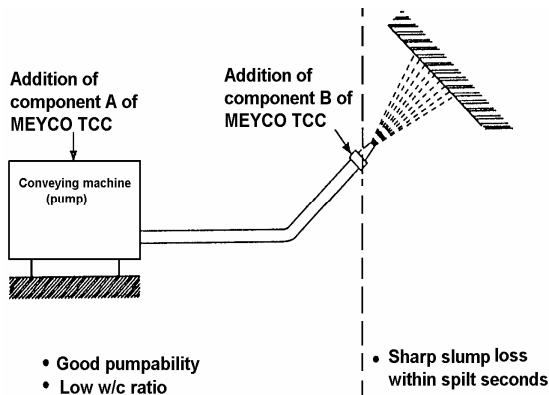
MEYCO[®] TCC SYSTEM

Liquid admixtures for Total Consistency Control (TCC) in wet shotcreting

Description

The MEYCO[®] TCC system is a process produced by an interaction of two components giving a sharp loss of slump and a thixotropic effect at the moment of their mixing.

Thus, the MEYCO[®] TCC system opens up new possibilities for wet shotcreting and offers the required new performances:



Technical performances

- Sharp slump loss without accelerating effect
- Minimal decrease of final strengths as compared to cast concrete
- Homogeneous mix
- Watertightness
- Good pumpability
- Low w/c ratio
- Substantial reduction of alkali based admixtures
- Increased toughness of steel fibre reinforced shotcrete
- thanks to low fibre rebound and better fibre orientation

- Long open time for surface finishing
- Low rebound
- Less dust for an improved working environment

Components of the MEYCO[®] TCC system

Component A:

Component A is added to the concrete during batching, together with the other admixtures used for the mix. Component A is added just as a normal superplasticizer. In most cases component A of MEYCO[®] TCC makes the addition of another superplasticiser unnecessary.

Component B:

Component B is added to the concrete mix at the nozzle just as a set accelerator or activator. In most cases component B of MEYCO[®] TCC makes the addition of a set accelerator or activator unnecessary.

Fields of application of MEYCO[®] TCC

Basically, the MEYCO[®] TCC system can be used in two situations:

For rock support or where early strengths are required. In this case a minor dosage of a set accelerator is added at the nozzle, together with component B.

For repair and final lining or where long open time for surface finishing, but no fast setting and no early strengths are needed.



The Chemical Company

MEYCO[®] TCC SYSTEM

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

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As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

BASF Construction Chemicals UAE LLC

P.O. Box 37127, Dubai, UAE

Tel: +971 4 8090800

www.basf-cc.ae

Fax: +971 4 8851002

e-mail: marketingcc.mideast@basf.com



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