

MEYCO[®] MS610

Densified silica fume for concrete and sprayed concrete

Description

MEYCO[®] MS610 is a concrete additive for high performance concretes. MEYCO[®] MS610 changes the porous structure of the concrete in a definitive manner and makes it denser and more resistant to any type of external influence.

MEYCO[®] MS610 must be used in combination with a plasticizer or a superplasticizer. MEYCO[®] MS610 is a special high quality silica fume powder, approved as a concrete additive according to the ASTM standard.

Fields of application

MEYCO[®] MS610 is used to produce long-life, durable concretes:

- All types of sprayed concrete applications
- Pre-cast concrete
- Cast in-situ concrete
- High strength concrete
- Underwater concrete
- Concrete with low cement content
- Tunnel grouting (backfilling)

Features and benefits

- Increased strengths
- Substantially improved resistance to chemical and mechanical attack
- Prevents bleeding and segregation in fresh concrete
- Reduced dosages of activators/accelerators
- Larger layer thicknesses sprayable

Packaging

MEYCO[®] MS 610 is supplied in 25kg bags, big bags or in bulk.

*Typical properties

Form:	Powder
Colour:	grey
Bulk density:	550-700kg/m ³
Chloride content	<0.1%

Combination

The use of POZZOLITH[®] plasticizers or RHEOBUILD[®] and GLENIUM[®] superplasticizers are recommended for any silica fume concrete. For frost resistant concrete, an additional air entraining agent (Pozzolith[®] air-entraining agent (Pozzolith[®] Micro-Air) has to be added. MEYCO[®] MS610 can be combined with DELVO[®]CRETE Stabiliser for dry-mix or wet-mix sprayed concrete.

Application procedure

Mixing

MEYCO[®] MS610 is added to the concrete during batching. Minimum mixing time is 90 seconds.

Consumption

The recommended dosage of MEYCO[®] MS610 is 5-15% of the cement weight.

Storage

If stored dry and in tightly closed original bags, MEYCO[®] MS610 has a shelf life of at least 12 months.



The Chemical Company

MEYCO[®] MS610

Safety precautions

Avoid contact with eyes and prolonged contact with skin. If contact occurs, wash thoroughly with water and seek medical advice.

For further information refer to product Material Safety Data Sheet.

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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* Properties listed are based on laboratory controlled tests.

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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.

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