

MasterRoc® MS 610 (Formerly known as Meyco® MS 610)

Densified Silica Fume for Cast and Sprayed Concrete

DESCRIPTION OF PRODUCT

MasterRoc® MS 610 is a high quality silica fume powder for high performance concretes. It changes the porous structure of the concrete making it denser and more resistant to any type of external influence.

FIELDS OF APPLICATION

- Wet-mix sprayed concrete applications
- Pre-cast concrete
- Cast in-situ concrete
- High strength concrete
- Underwater concrete
- Concrete with low cement content
- Annulus grouting (TBM)

FEATURES AND BENEFITS

- Increased strength
- Substantially improved resistance to chemical and mechanical attack
- Prevents bleeding and segregation in fresh concrete
- Reduced accelerator consumption
- Very thick layers possible

PACKAGING

MasterRoc® MS 610 is supplied in 20 kg plastic bags and big bags.

COMBINATION

The use of superplasticizers is recommended for any silica fume concrete. For frost resistance, an additional air-entraining agent must be added.

MIXING

MasterRoc® MS 610 is added to the concrete during batching. Minimum mixing time is 90 seconds. The recommended dosage is 5 to 15% of the cement weight.

STORAGE

If stored dry and in tightly closed original bags, **MasterRoc® MS 610** has a shelf life of at least 12 months.

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 the product Material Safety Data Sheet.

DISCLAIMER

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Ltd. Şti.** is only responsible for the quality of the product **Master Builders Solutions Yapı Kimyasalları Sanayi ve Ticaret Ltd. Şti.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.

CONTACT INFORMATION

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TECHNICAL DATA

Form	Powder
Color	Grey
Density	0.55 – 0.7 kg/liter
Chloride Content	<0.1%