

MasterRoc[®] MS 610

Densified silica fume for cast and sprayed concrete

DESCRIPTION

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.

TYPICAL APPLICATIONS

- 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)

ADVANTAGES

- Wet-mix sprayed concrete applications
- Pre-cast concrete
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- High strength concrete
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PACKAGING

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

TYPICAL PROPERTIES*

Form	Powder
Color	Grey
Density	0.55 - 0.7 kg/l
Chloride content	<0.1%

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 AND SHELF LIFE

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

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HEALTH AND SAFETY

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.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions 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

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