

# MasterRoc<sup>®</sup> 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.

### 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

- 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)

### PACKAGING

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

### TECHNICAL DATA\*

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

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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## 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.

\* Properties listed are based on laboratory controlled tests.

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