

MasterRoc[®] MS 660

Silica fume slurry for cast and sprayed concrete

Material Description

MasterRoc MS 660 is a high-quality silica fume slurry for high performance concretes. It changes the porous structure of the concrete making it denser and more resistant to any type of external influence.

Areas of Application

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

Characteristics 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
- Dust reduction in dry-mix application

Packaging

20 kg plastic cans, 1400 kg containers or in bulk

Technical Data

Form	Powder
Color	Grey
Density	1.4 ± 0.1 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 660 is added to the concrete during batching and should be mixed before use. In the dry-mix process, it is added with the mixing water at the nozzle. The recommended dosage is 5 to 20 % slurry by weight of binder.

Storage

The minimum storage temperature for MasterRoc MS 660 is +5°C. Please contact your local Master Builders Solutions representative prior to the use of any product that has been frozen.

If stored in tightly closed containers and under the above conditions, MasterRoc MS 660 has a shelf life of approximately 3 months. Periodical remixing can extend the shelf life further.

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.



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Disclaimer

The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed. For additional information or questions, please contact your local representative.

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