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MasterRoc® SA 580 (Formerly known as Meyco® SA 580)

High Performance Powder Accelerator for Dry-Mix Sprayed Concrete

DESCRIPTION OF PRODUCT

MasterRoc® SA 580 is a high performance accelerator for use in the dry-mix sprayed concrete process. It is a powder additive whose dosage can be varied to the desired setting and hardening times.

FIELDS OF APPLICATION

MasterRoc® SA 580 is suitable for all applications where high early strength, high final strength and very thick sprayed concrete layers are required.

- For temporary and permanent ground support in tunnelling and mining
- Slope stabilization

FEATURES AND BENEFITS

- Overhead layer thickness of 10-15 cm in a single application
- Rapid work process
- High early strength development

APPLICATION PROCEDURE

The substrate must be clean and free from loose particles and preferably damp.

It is recommended to only use fresh cement as the age of the cement can have a negative influence on the setting characteristics of the mix.

MasterRoc® SA 580 is sensitive to the type of cement. With some cements the obtained setting characteristics can be too slow. This sensitivity can be compensated by reducing the water content. We recommend the use of Portland cements (PC/HPC), which normally give faster setting than blended or sulphate resistant cement types.

In any case, it is strongly recommended to carry out preliminary tests to check the setting and the 24 hour strength characteristics of the cements planned for use in a project.

TECHNICAL DATA

Form	Powder
Colour	Beige
Pouring Density	0.9-1 kg/liter
pH Value	~11
Chloride Content (EN 480-10)	< 0.1%



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CONSUMPTION

The consumption of **MasterRoc® SA 580** depends on the water added, temperature, cement reactivity and on required layer thickness, setting time and early strength development. The consumption is normally in the range of 4 to 8% of binder weight.

Overdosing (>10%) may result in decreased final strength.

PACKAGING

MasterRoc® SA 580 is supplied in 15 kg bags.

STORAGE

If stored dry and in tightly closed original bags between +5°C and +40°C, **MasterRoc® SA 580** has a shelf life of 12 months. If subjected to humidity, the product loses its effectiveness.

SAFETY PRECAUTIONS

The same precautions as with handling and use of cementitious products should be observed.

Avoid eye and skin contact and wear rubber gloves and safety glasses. If contact occurs, rinse with plenty of water. In case of eye contact seek medical advice. For further information, refer to the Material Safety Data Sheet or contact your local **BASF** representative.

DISCLAIMER

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **BASF Türk Kimya Sanayi ve Tic. Ltd. Şti.** is only responsible for the quality of the product. **BASF Türk Kimya Sanayi ve Tic. 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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