

MasterRoc[®] DF 880

Conditioning agent for aggregates and waste water recovered from the excavation phases in TBM Projects

DESCRIPTION

MasterRoc DF 880 is an admixture designed for the conditioning of aggregates and waste water recovered during excavations using TBMs both with EPB and with hard-rock systems that have been treated with **MasterRoc SLF** foaming agents or **MasterRoc ABR** anti-abrasion agents. It will prevent the formation of foam in order to permit the use of aggregate in the production of concrete or handling of waste water through the treatment plant.

PROPERTIES

- Eliminates air generated by the use of chemicals for soil-conditioning for TBM
- Applicable for both EPB systems and for hard rock TBMs.
- Improves mechanical strengths of the concrete produced with recovered aggregates.
- Improves the durability of manufactured concrete.

METHOD OF APPLICATION

MasterRoc DF 880 is added to the water used for the washing of treated soil in the decanter, ensuring a homogenous mix of the admixture. To reduce the foaming of the waste water, spray **MasterRoc DF 880** directly onto the surface.

DOSAGE

The normal dosage of **MasterRoc DF 880** is 20-25 litres per 100m³ of treated soil. The optimum dosage depends on the type of soil, the degree of treatment and the process used for its recovery. It is essential to carry out prior tests in order to adjust the optimum dosage of the admixture. At the same time, a comparison must be made on the viability of the treated aggregate (a comparison of concrete produced with treated aggregate against a reference concrete is recommended.)

TECHNICAL DATA*

Appearance	Clear to yellowish coloured liquid
Specific gravity @ 25°C	0.98g/cm ³ typically

The technical data given above are statistical findings and do not represent guaranteed minimums. If control values are required, the Sales Specifications may be requested from our Technical Department

CLEANING OF TOOLS

The cleaning of tools and equipment which are soiled with **MasterRoc DF 880** should be carried out using water, preferably hot.

PACKAGING

MasterRoc DF 880 is available in 1000kg IBC tanks and 200kg drums.

STORAGE & SHELF LIFE

MasterRoc DF 880 should be stored in a cool, dry place, in temperatures over 0°C.

In these conditions the product can be kept for up to one year in its original, sealed packaging. Avoid freezing.

HANDLING & TRANSPORT

The usual preventative measures should be observed for the handling of chemical products e.g. use gloves and protective glasses. Wash hands before a break and on finishing work. Do not eat, drink or smoke during application.

The disposal of the product should be carried out according to local legislation and is the responsibility of the end user. For more information, consult the Material Safety Data Sheet for this product.

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IMPORTANT NOTES

- Prior tests are essential before using the product.
- Do not use lower or higher dosages than those recommended without first consulting the local BASF Technical Department.

* Properties listed are based on laboratory controlled tests.

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BASF_CC-UAE/Roc_DF_880/v1/05_15

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