

PRODUCT DATA SHEET

Sika® Stabilizer DF 880

(formerly MasterRoc® DF 880)

Conditioning agent for aggregates and waste water recovered from the excavation phases in tunnel-boring machine projects

DESCRIPTION

Sika® Stabilizer DF 880 is an admixture designed for the conditioning of aggregates and waste water recovered during excavations using tunnel-boring machines (TBMs) both with Earth Pressure Balance (EPB) and with hard-rock systems that have been treated with Sika® Stabilizer SLF foaming agents or Sika® Stabilizer 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.

Suitable for use in hot and tropical climatic conditions.

USES

Sika® Stabilizer DF 880 may only be used by experienced professionals as:

- Conditioning agent for aggregates
- Waste water recovery

PRODUCT INFORMATION

Packaging	Drums and 1,000 L flowbins
Shelf life	12 months from date of production if stored properly
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5°C and +50°C. Avoid freezing.
Appearance and colour	Clear to yellowish liquid
Density	~0.98 kg/l (+25°C)

APPLICATION INFORMATION

Recommended dosage

20-25 litres per 100 m³ 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).

BASIS OF PRODUCT DATA

- All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
- Internal Reference - Version: MBS_CC-UAE/Roc_DF_880/v1/05_15

IMPORTANT CONSIDERATIONS

- The usual preventative measures should be observed for the handling of chemical products e.g. use gloves and protective glasses and wash hands.
- The disposal of the product should be carried out according to local legislation and is the responsibility of the end user.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

APPLICATION

Sika® Stabilizer 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 Sika® Stabilizer DF 880 directly onto the surface.

CLEANING OF EQUIPMENT

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

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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ISO 9001, 14001, 45001 – SGS
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ISO 9001, 14001 – SGS
-Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV
-Sika MB Construction Chemicals LLC
-Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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