

## PRODUCT DATA SHEET

# Sika® Stabilizer DF 880

(formerly MRoc 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

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

# APPLICATION INFORMATION

## Recommended dosage

20-25 litres per 100 m<sup>3</sup> 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.

## 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.

### Sika Gulf B.S.C. (c)

Tel: +973 177 38188

Email: info@bh.sika.com

Sika Kuwait Cons. Mat. & Paints Co WLL

Tel: +965 22 282 296

Email: sika.kuwait@kw.sika.com

Web: gcc.sika.com

### Sika UAE LLC

Sika MB Construction Chemicals LLC

Email: info@ae.sika.com

Tel: +971 4 439 8200

Email: info@ae.sika.com

Web: gcc.sika.com

### Sika Saudi Arabia Limited

Sika Construction Chemicals for

Manufacturing LLC

Riyadh / Jeddah / Dammam / Rabigh

Tel: +966 12 692 7079

Email: info@sa.sika.com

Web: gcc.sika.com

### Sika LLC - Oman

Master Builders Solutions LLC

(part of Sika)

Tel. +968 22 826 500

Email: info@om.sika.com

Web: gcc.sika.com



ISO 9001, 14001, 45001 – SGS  
- Sika UAE LLC  
- Sika International Chemicals LLC  
- Sika Gulf B.S.C. (c)  
ISO 9001, 14001 – SGS  
- Sika Saudi Arabia Limited  
ISO 9001, 14001 – TÜV  
- Sika MB Construction Chemicals LLC  
- Sika Construction Chemicals for Manufacturing 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.



### Product Data Sheet

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