

PRODUCT DATA SHEET

Sika® Stabilizer-440 RCR

Admixture for recycling the returned concrete

DESCRIPTION

Special admixture for treating returned concrete. Sika® Stabilizer-440 RCR is a user-friendly, powdered admixture used to recycle the returned concrete after a proper treatment at the batching plant.

USES

Sika® Stabilizer-440 RCR is suitable for treating the general concrete returning to the batching plant for any reasons and that cannot be reused in the same day production. Adding Sika® Stabilizer-440 RCR to the returned concrete as per the application information below, will turn fresh concrete in a granular, dry material, like an artificial aggregate that might be conveniently used in the construction industry, either in concrete production or engineered backfilling, once completely dry.

CHARACTERISTICS / ADVANTAGES

- User friendly
- Acts quickly
- One-dose-fit all concept
- Suitable for various types of concrete
- Packed in soluble bags

PRODUCT INFORMATION

Chemical Base	Blend of selected modified co-polymers.
Packaging	16 bags, 930 g each, in a plastic pail. 32 pails per pallet.
Shelf Life	12 months if stored as directed
Storage Conditions	Store Sika® Stabilizer-440 RCR in very dry conditions at temperature between 5°C and 35°C.

APPLICATION INFORMATION

Dispensing

- Ascertain the volume of the concrete returned;
- Ensure that the slump of the returned concrete does not exceed 140 mm (AS1012.3.1);
- Add one bag of Sika® Stabilizer-440 RCR for each cubic metre of returned concrete directly in the agi-truck barrel;
- Mix at maximum speed, 1 minute/treated cubic metre or till the concrete granulates;
- Unload the granulated materials after the treatment in a covered area in layers, no more than 25 cm thick;

- Rework quickly (lift-remix) the granulated by-product by using the wheel loader in use at the batching plant after 3-4 hours from the initial process. Keep the material in dry conditions for at least 24 hours. A solar day after the treatment, the granulated material can be collected and stored for the next use. At this stage a further remix might be needed to ensure even dimensions of the treated material.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

Sika (NZ) Limited
85-91 Patiki Road
Avondale, Auckland 1026
New Zealand
0800 745 269
www.sika.co.nz



Product Data Sheet
Sika® Stabilizer-440 RCR
July 2024, Version 01.01
021404021000000189

SikaStabilizer-440RCR-en-NZ-(07-2024)-1-1.pdf