



SOLUTION FOR
RETURNED CONCRETE RECYCLING
Sika® Stabilizer-440 RCR

BUILDING TRUST





RETURNED CONCRETE TREATMENT

Sika® Stabilizer-440 RCR

BENEFITS FOR **CONCRETE PRODUCERS**

Address the challenges of returned concrete with a new fast acting, easy to use, cost effective solution that allows concrete producers to reduce processing costs, expedite cycle times and improve their operational carbon footprint. Sika® Stabilizer-440 RCR is a fast-acting, powdered admixture delivered in easy to dose water soluble bags that transforms plastic concrete into solid granules that can be reused as aggregates, road base or backfill material.

EFFECTIVE

for all cement types and mix designs

DIVERTS WASTE

from landfill, generates recycled materials

ELIMINATES

time intensive and costly returned concrete processing methods

INCREASES EFFICIENCY

by expediting truck turnaround

MAXIMISES SPACE

through its concentrated formulation and optimised packaging



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.

Sika® Stabilizer-440 RCR DOSAGE CHART

DOSAGE

- DETERMINE SIZE OF RETURNED LOAD
- TAKE REQUIRED BAGS OUT OF PAIL
- ADD 1 BAG/m³

MIXING

- BACK CONCRETE TO END OF TRUCK
- DROP BAG DIRECTLY ON CONCRETE
- MIX ON HIGH, MINIMUM 3 MINUTES
- DISCHARGE WHEN MIX SOUNDS ROCKY

TIPS

- **DO NOT** ADD WATER
- DISCHARGE INTO SMALL PILES
- REWORK QUICKLY (LIFT-REMIX)

PRODUCT INFORMATION

PACKAGING	16 bags, 930g 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
ITEM NUMBER	814611



SCAN THE QR CODE

FOR PRODUCT PDS AND SDS
Sika® Stabilizer-440 RCR



WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.

SIKA (NZ) LTD

85 Patiki Road
Avondale, Auckland 1026
New Zealand

0800 745 269
info@nz.sika.com
www.sika.co.nz

BUILDING TRUST

