



# EUCON<sup>®</sup> R3A

RETURNED CONCRETE TREATMENT ADMIXTURE  
RETURN, RECYCLE, REUSE ADMIXTURE

**EUCLID CHEMICAL**

## PRODUCT INFORMATION

### PACKAGING

Available in 30 x 1 lb (0.45 kg) water soluble bags, packaged in a 5-gal (19 L) pail and 36 pails on a pallet

### SHELF LIFE

1 year in original unopened container

### APPEARANCE

Off-white powder

## DESCRIPTION

EUCON R3A is a chemical additive for the treatment of returned fresh concrete to revert the concrete back into a dry material that can be easily managed, recycled, and reused. EUCON R3A is an easy-to-use powder that is added directly to the ready-mix truck drum and allows the concrete to quickly return to form as a convenient dry usable material. Upon conversion of the concrete, it can be easily discharged from the drum, allowing for simple cleaning.

## PRODUCT CHARACTERISTICS

### FEATURES & BENEFITS

- One-component, easy to add powder
- Quickly reacts to returned concrete to convert it back to a usable material
- Cost-effective solution for reducing concrete waste
- Flexible dosage to optimize efficiency and treated cost

### PRIMARY APPLICATIONS

- Ready-Mix Concrete
- All cement and SCM types
- Paving concrete

## PRECAUTIONS/LIMITATIONS

- Do not remove the EUCON R3A from the water-soluble bags. The powder will gel and can stick to hands if the material gets wet, and be difficult to clean up.
- If the water-soluble bag breaks, sweep up the dry powder with a broom or vacuum. Do not use water to clean up spilled material.
- EUCON R3A should be stored in a dry environment between 40°F (5°C) – 95°F (35°C). Keep EUCON R3A away from humidity and direct sunlight.
- In all cases, consult the Safety Data Sheet before use.

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## DOSAGE

EUCON R3A comes in 1.0 lb (0.45 kg) water-soluble bags.

Typical dosage is 1–2 lb (0.45-0.9 kg) to treat 1 yd<sup>3</sup> (0.75 m<sup>3</sup>). The exact dosage rate can vary depending on the type of concrete and water content of the concrete that is being treated.

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## DIRECTIONS FOR USE

1. Determine the volume of the returned concrete in the concrete mixer drum, and round up to the next yd<sup>3</sup> (m<sup>3</sup>) to determine the amount of EUCON R3A dissolvable bags required.
2. With the drum in discharge mode, back the concrete in the drum to the top of the point of discharge of the drum. Add the determined EUCON R3A dissolvable bags directly on the concrete and carefully start mixing the drum at slow speed for 1 minute and take care to not allow the EUCON R3A to build up on the fins/drum wall. After 1 minute of slow speed, mix for 2-4 minutes at full speed. The packets will immediately dissolve when added to the plastic concrete.
3. Stop the concrete mixer after the concrete has granulated, which can be noticed by the change in sound of the material in the drum. Then discharge the granular material into small piles or across the ground, typically less than 1 ft (0.3 m) thick piles. Avoid putting material in large piles as it can be hard to break up and move.
4. Break or back drag the piles with a front-end loader within 24 hours, typically by the end of the day, to prevent the material from compacting which will be more difficult to process. Better results are achieved the earlier this material is broken up.
5. After waiting 24 hours, thoroughly turn the treated granular material with a front-end loader to break up any material that may have clumped. The processed material can be stored or used as desired.

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