

RDA™

Cement additive

Product Description

RDA™ is a chemical additive to be interground during the manufacture of Portland and blended cements to retard the initial and final set of cement pastes and mortars.

RDA™ is based on an aqueous solution of hydroxylated organic compounds.

Physical Properties

APPEARANCE	BROWN LIQUID
Density (g / L)	1200 - 1250
pH	6.5 - 7.5

Recommended Addition Rate

According to GCP experience the addition rate of RDA™ is in the range of 250 to 1,000g / t of treated cement. However the optimum addition rate of RDA™ depends upon the degree of retardation required under job condition. Longer setting times or higher temperatures will require higher addition rates.

Deviation from the optimum cannot guarantee the expected results.

Benefits

RDA™ controls effectively the setting process and permits significant extension of the board life.

Typical applications

RDA™ is used wherever a delay in setting time will insure sufficient delivery, placement, vibration or compaction time.

How to use

RDA™ should be added on to the feed belt or injected into the mill. For an accurate proportioning of RDA™ a volumetric metering pump is suitable. GCP can advise on the most appropriate dosing equipment.

Packaging

RDA™ is supplied in 210L drums, in 1,000 plastic containers or bulk. Shelf life is 24 months if stored in manufacturer's containers.

Storage Precautions

RDA™ does not require particular precaution for storage. RDA™ has to be protected from freezing. For tanks and containers placed outside a heating system or a re-mixing device is suitable. It is also better to insulate exposed pipelines. GCP personnel can help in designing the best system.

Handling Precautions

RDA™ does not require particular precaution for health and safety. Please refer to the Material Safety Data Sheet.

Accidental release or spillage to be absorbed with an inert material, such as sand or sawdust.

Tanks and containers can be cleaned with water.

gcpat.com.au | Australia customer service: 1800 855 525

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

RDA is a trademark, which may be registered in the United States and/or other countries, of GCP Applied Technologies, Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2018 GCP Applied Technologies, Inc. All rights reserved.

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Alpharetta, GA 30009, USA

GCP Australia Pty. Ltd., 14 Colebald Street West, Archerfield, Brisbane, Queensland 4108, Australia

This document is only current as of the last updated date stated below and is valid only for use in Australia. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on www.gcpat.com.au. Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2025-05-13

gcpat.com.au/solutions/products/rda