

# AIRALON<sup>®</sup>

Air-entraining additive for portland and masonry cement

---

## Product Description

AIRALON<sup>®</sup> is an aqueous solution of neutralised hydroaromatic and fatty carboxylic acids with the following specifications:

Appearance:	Dark brown liquid
Specific gravity:	1.04 (±0.02)
pH:	10 - 13
Foaming tendency:	Moderate

AIRALON<sup>®</sup> is one of the most effective air-entraining additives yet developed for use in the manufacture of air-entraining Portland cement and masonry cements.

## Product Advantages

- Proven performance
- Stable air
- Low addition rates
- Economical to use
- Easy and safe handling

## Features

- WRDA<sup>®</sup> PA will increase stripping strengths for quicker form or mould turn around.
- Improve finishing times during colder months.
- Accelerate initial and final sets through a range of temperatures.
- Increase water reduction to enhance concrete strengths and higher required workability.
- Can increase de-stressing strengths in pre-stressed applications.
- Enhance pumpability and finishability.
- WRDA<sup>®</sup> PA does not initiate or promote the corrosion of reinforcing steel when used at the recommended dose rates.

## Uses

WRDA<sup>®</sup>PA is used in all types of pre-mix and pre-cast applications where a non-chloride, water-reducing set-accelerating admixture is required.

All types of concrete that have chloride ion restraints such as coastal applications.

Overdosing of WRDA®PA will produce and increase concrete workability, air content and decrease setting time. The set acceleration effect will vary dependent on ambient temperatures, cement used, and the amount of overdose. However, provided correct curing procedures are followed, ultimate concrete strengths may be higher than a corresponding mix or standard admixture-dosed concrete.

## Compatibility with Other Admixtures

WRDA®PA in combination with an air entrainer can have a synergistic effect, and so increase the air content. It is highly recommended that truck trials be conducted to achieve specified air content. Please consult your local GCP representative for dosage guidelines.

WRDA®PA can be used in conjunction with ADVA®range of high range water reducers. Each admixture should be added separately to the mix.

WRDA®PA cannot be used in conjunction with DAREX®Super 20, DARACEM®or DARACEM®19A.

## Addition Rates

WRDA®PA can be dosed at between 400 and 1,500mL / 100kg of total cementitious material. The higher addition rates will increase water reduction and acceleration, however admixture performance can depend on concrete components, job conditions, and desired performance characteristics.

To assist you in obtaining optimum performance from your admixtures from GCP Applied Technologies, we can offer comprehensive advice and site assistance service.

## Packaging & Storage

WRDA®PA is available in bulk and 205L drum.

Shelf life is 12 months.

## Dispensing Equipment

Please contact your local GCP representative for further information regarding the dispensing equipment for this product.

## Health and Safety

Avoid mixing or bringing WRDA®PA in contact with strong acidic materials. Please see the WRDA®PA Material Safety Data Sheet, or consult GCP Applied Technologies.

## gcpat.com.au | Australia customer service: 1 800 855 525

Australia 1800 855 525 New Zealand +64 9 448 1146 China Mainland +86 21 3158 2888 Hong Kong +852 2675 7898 India: Chennai +91 44 6624 2308 Manesar +91 124 488 5900 Indonesia +62 21 893 4260 Japan +81 3 5226 0231 Korea +82 32 820 0800 Malaysia +60 3 9074 6133 Philippines +63 49 549 7373 Singapore +65 6265 3033 Thailand +66 2 709 4470 Vietnam +84 8 3710 6168

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.

AIRALON 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](http://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/airalon](http://gcpat.com.au/solutions/products/airalon)