

# WRDA<sup>®</sup> PN 30

Complex dispersant technology water reducer

---

## Product Description

WRDA<sup>®</sup>PN 30 is an aqueous solution of polycarboxylate polymers and hydrocarbons. WRDA PN 30 is a dispersing agent which provides uniform, predictable performance and conforms to AS 1478 Type WR. One litre weighs approximately 1.065kg ± 0.02kg.

## Applications

WRDA PN 30 provides a workable mix with less water resulting in stronger, less permeable and more durable concrete. It can be used in pre-mix, on-site and pre-cast plants for normal and specialty concretes.

## Product Advantages

- Enhanced strength performance
- Enables early formwork removal
- Environmentally-friendly

## Advantages

- Provides water reduction capabilities that enable concrete to be produced at lower water-cement ratio whilst maintaining same slump
- Enhanced strength performance at all ages of concrete.
- Neutral set performance — allows early formwork removal.
- Formulated with strength enhancement to optimise strengths at all ages
- WRDA PN 30 is a “clean, sludge-free” water reducer.

## Addition Rates

WRDA PN 30 will provide water reduction with neutral sets at the recommended dose rates. At increased dose rates it can give slight retardation, however this will generally depend on environmental conditions at the time of dosing.

The dose rate for WRDA PN 30 will typically range between 250 and 500mL / 100kg of total cementitious material.

## Dispensing Equipment

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



## Compatibility with Other Admixtures

WRDA PN 30 is compatible with all air-entraining concrete admixtures, however the quantity of air entraining agent when added with WRDA PN 30 to the concrete mix may be reduced by up to 25%.

WRDA PN 30 can be used in conjunction with the ADVA<sup>®</sup> range of high range water reducers, MIRA<sup>®</sup> range of mid-range water reducers and both non-chloride and chloride-based accelerators. Each admixture should be added separately to the mix.

WRDA PN 30 should not be used with Darex<sup>®</sup> Super 20, Daracem<sup>®</sup> or Daracem 19A.

## Packaging

WRDA PN 30 is available in 205L drums and in bulk.

WRDA PN 30 is non-flammable, it can freeze at about  $-2^{\circ}\text{C}$  but after thawing and agitating will have no adverse effect on the performance of the product.

## Health and Safety See

WRDA PN 30 Material Safety Data Sheet or consult GCP Applied Technologies.

[gcpat.id](http://gcpat.id) | For technical information: [asia.enq@gcpat.com](mailto:asia.enq@gcpat.com)

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 Delhi +91 124 402 8923 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.

WRDA, Darex, AEA, MIRA, ADVA and Daracem are trademarks, 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 2016 GCP Applied Technologies, Inc. All rights reserved.

Printed in Singapore | 05/16 | 200-WRDA-289

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

PT GCP Applied Technologies Indonesia, Cikarang Industrial Estate Kav C-32, Cikarang, Bekasi 17530

This document is only current as of the last updated date stated below and is valid only for use in Indonesia. 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.id](http://www.gcpat.id). 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: 2022-11-24

[gcpat.id/solutions/products/wrda-pn-30](http://gcpat.id/solutions/products/wrda-pn-30)