

DARASET[®] 304

Chloride-free, hardening accelerator for concrete acc. EN 934-2:T7

Fields of Application

DARASET[®] 304 is suitable for Portland cements, however, it is not recommended for use with calcium aluminate or supersulfated cements.

Technical Data

Form	Powder
Homogeneity	homogeneous (tested acc. DIN V 20000-100, Annex A)
Colour	White to yellowish
Density	1000 ± 150 kg/m ³
pH-value	7,0 ± 1 (3% Suspension)
Total chloride content	< 0,10 m.-%
Alkali content	approx. 0,50 m.-%
Storage	Keep well closed in original containers. Protect from excessive heat, frost and moisture.
Recommended Dosage	0,20–2,00 m.-% of cement
Physiological effect	May irritate skin and eyes; see SDS (Safety Data Sheet)
Shelf life	approx. 1 year in closed original containers

Dosage and Use

Range: 0.30 kg – 3.80 kg per 100 kg cement (0.3%– 3.8% b.w.c.).

The amount of DARASET[®] 304 used will depend on specific job conditions, local materials and on the degree of early strength development required. It is recommended that trials are conducted to determine the optimum addition range for each application.

DARASET[®] 304 should be dosed along with the other dry components of the mix to ensure optimal dispersion. DARASET[®] 304 should never be blended with any other admixture and should not come in contact with other admixtures prior to addition to the concrete mix.

Special Information

Preliminary tests, according to official national standards, are always required before use!

gcpat.ae | United Arab Emirates customer service: +971 4 5139560

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.

Daraset 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.

Pyrmonter Straße 56, 32676 Lügde

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

P. O. Box 5006, Office 2104, 21 Floor, The Exchange Tower, Opp. JW Marriott Marquis Hotel, Business Bay, Dubai – United Arab Emirates

This document is only current as of the last updated date stated below and is valid only for use in the UAE. 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.ae. 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: 2025-05-15

gcpat.ae/solutions/products/daraset-304