

QUANTEC[®] PL-415A

Plasticizing Set Accelerator

Product Description

QUANTEC[®]PL-415A admixture is a plasticizing accelerator for use in concrete masonry units where zero or low slump concrete is required. QUANTEC PL-415A admixture improves compaction and densifies the concrete producing a unit with higher compressive strengths, sharper corners and edges and lower absorption. Production and machine speeds increase with less cracking and crazing and fewer culls.

QUANTEC PL-415A admixture accelerates early strength and shortens curing time allowing units to be handled sooner. Since it does not contain calcium chloride, QUANTEC PL-415A admixture will not promote corrosion of pallets and other metal surfaces.

Product Advantages

- Increased compressive strength
- Hastens hydration process
- Improved cycle time
- Sharper corners and edges

Product Function

QUANTEC PL-415A admixture plasticizes zero or low slump concrete mixes by reducing the surface tension of the mixing water. This promotes quicker wetting and more complete dispersion of cementitious particles in the mix, allowing more complete hydration.

By improving workability and increasing plasticity, low slump mixes produced with QUANTEC PL-415A admixture can be more efficiently produced.

Storage

QUANTEC PL-415A admixture will begin to freeze at approximately 32 °F (0 °C), but will return to full strength after thawing and thorough mechanical agitation.

Application Information

Addition Rates

The recommended addition rate of QUANTEC PL-415A admixture is used at a rate of 3-6 oz/cwt (195-390 mL/100 kg) of cementitious materials, including pozzolans. The addition rate is dependent upon the specific set of materials and the desired end properties.

Packaging

QUANTEC PL-415A admixture is available in drums and returnable totes.

Health & Safety

All precautions defined on the SDS (Safety Data Sheet) for QUANTEC PL-415A admixture must be followed.

ca.gcpat.com | North America customer service: 1-877-4AD-MIX (1-877-423-6491)

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.

QUANTEC 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, Suite 450, Alpharetta, GA 30009, USA

GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6.

This document is only current as of the last updated date stated below and is valid only for use in the Canada. 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. 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: 2023-06-29

ca.gcpat.com/solutions/products/masonry-hardscape-solutions/quantec-pl-415a