

QUANTEC[®] ULTRA ES

Admixture for concrete products

Product Description

QUANTEC[®]ULTRA-ES admixture is a high performance cement dispersant based on a patented technology. It has been formulated as a ready-to-use liquid for use in the production of architectural concrete block, concrete pavers and segmental retaining wall units.

Product Advantages

- Improves cement utilization
- Reduces feed and finish times
- Increases compressive and strengths
- Reduces culls

Product Uses

QUANTEC[®]ULTRA-ES admixture is a superior dispersant with a marked capacity to break up the cement agglomerates normally found in high cement content, dry-cast concrete mixtures.

The resultant increase in available cement surface area enhances the efficiency of cement hydration, producing units with reduced paste porosity and increased compressive strengths.

Application Information

QUANTEC[®]ULTRA-ES admixture is compatible with most concrete additives but when multiple additives are used they must be added separately to the concrete mixture.

Addition Rates

QUANTEC[®]ULTRA-ES admixture is used at a rate of 2-6 oz/cwt (130-390 mL/100 kg) of cementitious materials, including pozzolans. The addition rate is dependent upon the specific set of materials and the desired end properties.

QUANTEC[®]ULTRA-ES admixture produces little change to the appearance of the concrete units at the lower addition rates, but may provide a swipe/texture surface at the higher addition rates.

Mixing Procedure

For maximum product efficiency add QUANTEC[®]ULTRA-ES admixture to the prewetted aggregate or after the cement has been wetted out. Allow an additional 60-120 seconds mix time after all of the admixture has been introduced.

Packaging

QUANTEC®ULTRA-ES admixture is available in drums and returnable totes.

Health & Safety

All precautions defined on the SDS (Safety Data Sheet) for QUANTEC®ULTRA-ES admixture must be followed.

Storage

QUANTEC®ULTRA-ES admixture will begin to freeze at approximately 32 °F (0 °C), but will return to full strength after thawing and thorough agitation.

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-ultra-es