

QUANTEC[®] PL-477R

Plasticizer

Product Description

QUANTEC[®]PL-477R admixture is specially formulated for use in the manufacture of machined concrete products where the process requires zero or low slump concrete, and where a normal textured surface is desired.

Product Advantages

- Faster cycle time
- Low use cost
- Increased plasticity
- Reduced cracking and crazing
- Sharper corners and edges
- Uniform texture
- Fewer culls

Product Uses

QUANTEC[®]PL-477R admixture may be used in all zero or low slump concrete to increase workability while retaining cohesiveness. The admixture is intended for use in concrete block, concrete pipe, concrete roof tile and concrete brick.

QUANTEC[®]PL-477R admixture is a dispersing agent. By dispersing the cement and aggregate fines it improves the workability of the mix. Dispersion of the cement results in more complete hydration of the cement.

The increased workability allows for better compaction of the block with less cracking and crazing and sharper corners and edges, resulting in fewer culls. Production can be increased, absorption reduced and appearance and texture greatly improved.

Application Information

Addition Rates

QUANTEC[®]PL-477R admixture is typically used at a rate of 2–5 fl oz/cwt (130–325 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-477R admixture is available in drums and returnable totes.

Health & Safety

All precautions defined on the SDS (Safety Data Sheet) for QUANTEC®PL-477R admixture must be followed.

Storage

QUANTEC®PL-477R admixture will begin to freeze at approximately 32 °F (0 °C), but will return to full strength after thawing and thorough mechanical 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 475, 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: 2024-06-21

ca.gcpat.com/solutions/products/masonry-hardscape-solutions/quantec-pl-477r