

# QUANTEC<sup>®</sup> PL-415A

Plasticizing Set Accelerator

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## Product Description

QUANTEC<sup>®</sup>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](http://ca.gcpat.com) | North America customer service: 1-877-4AD-MIX (1-877-423-6491)

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