

# QUANTEC<sup>®</sup> PL-450

Plasticizer for Concrete Pipe

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## Product Description

QUANTEC<sup>®</sup>PL-450 admixture is specially formulated for use in the production of zero or low slump concrete pipe. QUANTEC PL-450 admixture is designed to produce a smooth texture on the web of the pipe. It may also be used in the manufacture of other low slump concrete products such as concrete block where a light swipe is desired.

## Product Advantages

- Enhanced web appearance
- Improved quality
- Reduced surface cracking
- Fewer culls
- Cost effective
- Improved green strengths

## Product Uses

QUANTEC<sup>®</sup>PL-450 admixture may be used in all zero or low slump concrete pipe to increase workability while retaining cohesiveness and to provide for more complete hydration of the cement. QUANTEC<sup>®</sup>PL-450 admixture improves the dispersion of the cement throughout the mix as well as improving the workability of the mix.

The increased workability achieved with QUANTEC<sup>®</sup>PL-450 admixture allows for better compaction of the pipe with a reduction in surface cracking and improved surface quality, resulting in fewer culls. Overall quality of the pipe is improved with an enhanced surface appearance on the webbing of the pipe.

## Application Information

### Addition Rates:

QUANTEC<sup>®</sup>PL-450 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<sup>®</sup>PL-450 is available in drums and returnable totes.

## Health & Safety

All precautions defined on the SDS (Safety Data Sheet) for QUANTEC<sup>®</sup>PL-450 admixture must be followed.

## Storage

QUANTEC®PL-450 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](http://ca.gcpat.com) | North America customer service: 1-877-4AD-MIX (1-877-423-6491)

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