

QUANTEC® PL-460 (BV)

High-quality plasticizer for semi-dry concrete
Plasticizer for concrete acc. to EN 934-2:T2

Product Description

QUANTEC PL-460 (BV) is used for the production of concrete elements from semi-dry and no-slump concrete.

Mode of Action

The surface tension of the gauging water is effectively reduced so that the water-cement-ratio can be lowered. Early as well as compressive strength is increased. The concrete becomes less waterpermeable and more resistant to chemical attack. Due to the application of QUANTEC PL-460 (BV), the concrete becomes easier to compact.

Benefits:

- Increase in green and final strength
- Increase in density
- Reduced tendency to effloresce
- Intensified colors when pigments are used
- Smoother surfaces

Dosing and Special Information

QUANTEC PL-460 (BV) is to be added to the gauging water or to the ready concrete mix.

Preliminary tests according to official national standards are always required before use!

Status: 01/14

Technical Data

QUANTEC PL-460 (BV)	
Form	Fluid
Colour	green
Density	1.00 ± 0.02 g/cm ³
pH-value	7.5 ± 1.0
Storage	Keep original containers closed, protect from excessive heat and frost.
Total chloride content	< 0,10 m.-%
Water-soluble chloride content	< 0,10 m.-%
Alkali content	< 0,5 m.-%
Recommended Dosage	0.20–1.50 m.-% by cement mass
Physiological effect	May irritate skin and eyes; see SDS.
Shelf life	approx. 12 months in closed original containers

gcpat.com | Tel: +49 52 81 77 04-00 Fax: +49 52 81 77 04-99

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GCP Applied Technologies Inc., 62 Whittemore Avenue, Cambridge, MA 02140 USA.
Pyrmonter Straße 56, 32676 Lügde

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