

OPTEC[®] 960

Concrete Admixture for the Production of Low-Pore Concrete

Conforms to EN 934-2:T2

Product Description

OPTEC[®]960 is used for the production of prefabricated concrete products, where a low-pore concrete is needed. Fields of application, for example, are the production of exposed concrete and washed, sandblasted, or polished concrete surfaces.

Technical Data

Form	fluid
Colour	milky-white
Density	approx. 1.04 g/cm ³
pH-value	Keep original containers closed, protect from excessive heat and frost. Once frozen, material cannot be used.
Delivery form	1040 kg containers; 210 kg drums; 23 kg cans
Recommended Dosage	0.40–1.00 m-% by cement mass
Physiological effect	May irritate skin and eyes; see SDS.
Shelf life	approx. 1 year in closed original containers

Mode of Action

OPTEC[®]960 increases concrete density by reducing the air content of the concrete. The effectiveness of OPTEC[®]960 depends on the dosage and the concrete mix design.

It is only at higher dosages that OPTEC[®]960 has a plasticizing effect.

Dosing and Special Information

OPTEC[®]960 should always be stirred prior to use!

OPTEC[®]960 may separate if not stirred for a long period of time; however, this does not impact product performance, provided sufficient pre-mixing is performed to homogenize the product.

The product can be added with the gauging water or to the pre-mixed concrete.

Preliminary tests according to national standards are always required before use.

OPTEC®960 has no negative impact on dosing equipment.

At very high dosages OPTEC®960 can have a retarding effect.

gcpat.ae | United Arab Emirates customer service: +971 4 5139560

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.

OPTEC 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, Alpharetta, GA 30009, USA

P. O. Box 5006, Office 2104, 21 Floor, The Exchange Tower, Opp. JW Marriott Marquis Hotel, Business Bay, Dubai – United Arab Emirates

This document is only current as of the last updated date stated below and is valid only for use in the UAE. 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.ae. 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: 2025-05-15

gcpat.ae/solutions/products/optec-960