



OmegaCure

Non-corrosive, Liquid Admixture



Packaging

1 gallon (3.8L) bottles
5 gallon (18.9L) pails

Storage

1. Store product in a cool, dry location.
2. Store at a temperature below 90°F (32°C).
3. Store out of direct sunlight.
4. Protect pails from weather and other damages.

Shelf Life

2 year

Color

Clear

Product Description

OmegaCure is a non-corrosive, liquid admixture used to accelerate the hydration of portland cement-based materials. A more advanced hydration state will result in higher early strength, faster hardening, higher abrasion resistance, reduced void content, and decreased water movement within the cement matrix.

Features

Benefits

<i>Accelerates Hydration</i>	Improved waterproofing
<i>Cold Weather Application</i>	Depresses the freezing point of water and reduces the set times by accelerating the cement hydration which is helpful in cold weather conditions
<i>High Strength</i>	Increases early strength
<i>Water Vapor Control</i>	Faster setting and faster hardening
<i>Protection Against Abrasion</i>	Increases abrasion and erosion resistance
<i>Improves Curing</i>	Reduces construction time
<i>Cost Saving</i>	Reduces tenting and heating costs
<i>Non-corrosive</i>	Will not corrode metal reinforcement

Basic Uses

OmegaCure is added to portland cement-based products to accelerate the hydration of the cement.

Area of Use

OmegaCure may be added to the following products:

1. One coat stucco
2. Scratch and brown coat
3. Cementitious finish coats
4. Stucco
5. Other approved cementitious products

Application Instructions



Mixing

Mix OmegaCure thoroughly, prior to use. Add the specified amount of OmegaCure, as shown in the table below, to the water in the mixer. The amount of water used is per the product's data sheet, but should be reduced by the quantity of OmegaCure used.

Add the product dry mix to OmegaCure and water solution according to product's application instructions.

Product	Per Bag	Quantity
Super Cement	Per 94lb bag	3.4qt
DryBond	Per 50lb bag	1.0qt
StyroGlue DryBond	Per 50lb bag	1.5qt
Scratch Coat	Per 94lb bag	3.4qt
Brown Coat	Per 94lb bag	3.4qt
Portland Cement Mortar	Per 94lb bag	3.4qt
FoamTek	Per 50lb bag	1.0qt
Diamond Wall	Per 80lb bag	2.0qt

NOTE: For use with other products, please call Omega Products International.

Curing

Follow curing instructions listed for the product that OmegaCure is being added to, keeping in mind that the curing time will be decreased compared to time for the product without accelerator in same conditions. Protect all work from inclement weather with an approved protective system until fully dry.

Technical Data

Test	Method	Result
Compressive Strength (7 days)	ASTM C109	28% higher (compared with control)
Shear Strength (7 days)	Lab Method	38% higher (compared with control)
Initial Set at 73°F	ASTM C266	2.5 hours (versus 5 hours for control)
Final Set at 73°F	ASTM C266	4 hours (versus 7.5 hours for control)
Initial Set at 40°F	ASTM C266	5.5 hours (versus NO setting within 24 hours)
Final Set at 40°F	ASTM C266	9.5 hours (versus NO setting within 24 hours)

* Under controlled laboratory conditions

Limitations

The ambient and surface temperature must be 15°F (-9°C) and rising. Do not use when temperatures are above 90°F (32°C).

DO NOT allow material to freeze. Material that is allowed to freeze may suffer irreparable damage.

DO NOT add any other materials to the mixture of the product without written approval from Omega Products International.

DO NOT deviate in the mixing or application procedures contained in this, or any other Omega Product Data Sheets, without written approval from Omega Products International.

NOTE: Failure to follow manufacturer's written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

Cleaning

Cleaning may be accomplished with water immediately after use.

Safety

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN

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turer shall be the replacement of products actually proven to be defective. Handling and use of the products are beyond the control of Manufacturer; therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from use of the product. Under no circumstance shall Manufacturer be liable for incidental or consequential damages arising out of the use or the improper application of the product. Before applying the product, the user shall determine the suitability of the product

for his/her independent use, assuming all risks and liability whatsoever in connection therewith. This writing constitutes a complete and exclusive statement of the understanding between Manufacturer and Buyer.

Claims

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect.

For any claim that is not valid Claimant agrees to pay Omega's reasonable charges, including travel and labor associated with investigation of such claim.

Technical Assistance

Technical assistance and information is available by calling Omega Products International at (800) 600-6634 or FAX (951) 520-2594 or by e-mail at info@omega-products.com.

Warranty

The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's plant and is accompanied with proof of purchase and batch number.