

# TITAN

A 100% ACRYLIC-BASED SIMULATED STONE FINISHES

## DESCRIPTION:

Titan finishes utilize variously colored and sized quartz aggregates set in a pure acrylic emulsion binder to produce a decorative finish with beautiful color variation and texture that simulate stone-like finishes. These finishes are highly abrasion and impact resistant and may be used both on interior or exterior surfaces.

Titan is ideally suited for wall surfaces in high traffic areas such as airport terminals, hotels, day-care facilities, shopping malls, schools, and restaurants.

## BASIC USES:

Titan is designed for use as a finish coat for the Omega AkroFlex EIF Systems, Diamond Wall One-Coat Systems, and standard three-coat systems. Titan may also be used as an interior finish, or applied over properly prepared masonry and/or concrete.

**NOTE:** For more product information on Omega's Wall systems, please contact Omega Products International at 800.600.6634 or [www.omega-products.com](http://www.omega-products.com)

## COLOR:

Titan Finishes are available in 15 standard color variations. Titan Fine Finishes are available in 18 standard color variations. Custom colors are available upon request. Titan should be ordered in sufficient quantities to complete the entire project, as later batches may vary in color and appearance due to the nature of the aggregates used.

**NOTE:** Dark colors are not recommended over EIFS, EPS foam shapes or other thermally unstable materials.

## PACKAGING:

Titan Finishes are packaged in 65lb. (29.48kg) 5 gallon (18.9L) pails.

## STORAGE:

1. Store pails in a cool, dry location at a temperature between 40°F (4°C) and 90°F (32°C).
2. Do not store in direct contact with sunlight, and protect pails from weather and other damage.

## COVERAGE:

The coverage of Titan is approximately 80ft<sup>2</sup> to 100ft<sup>2</sup> (7.43m<sup>2</sup> to 9.29m<sup>2</sup>). The coverage of Titan Fine is approximately 80ft<sup>2</sup> to 160ft<sup>2</sup> (7.4m<sup>2</sup> to 14.9m<sup>2</sup>). Coverage may vary due to the ambient temperature, surface temperature, surface porosity, and/or application methods.

## AREA OF USE:

Titan Finishes may be applied to the following substrates:

1. Interior gypsum board
2. Cement board
3. Cementitious base coats
4. Omega AkroFlex EIFS base coats
5. Approved cementitious substrates
6. EPS Foam Shapes
7. Poured-in-place and/or Tilt-up concrete

## SURFACE PREPARATION:

All surfaces to receive application must be clean and free of loose debris, dirt and dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks with the appropriate patching material for the existing substrate. Painted or glossy surfaces must be roughened to ensure a proper bond. All surfaces must be primed with the matching colored Titan Primer. One-Coat and three-coat stucco products must be cured for a minimum of 7 days and concrete must cure for a minimum of 28 days.

## MIXING:

1. Titan Finishes must be thoroughly mixed prior to use, with a Jiffler-type mixer.
2. Up to 8oz. of clean, potable water may be added, while mixing, to achieve desired consistency.
3. If multiple pails are being used, intermix pails.

## APPLICATION:

### **Titan**

1. Ensure that the receiving surface has been properly prepared according to the Surface Preparation section contained within this Product Data Sheet and Titan Primer has been applied per its Product Data Sheet.
2. Hand or spray apply first coat to a uniform thickness.



3. Allow this coat to take an initial set.
4. Apply a second coat to achieve the desired texture and a uniform finish.
5. Remove any tape used to create a pattern immediately following final coat.
6. Allow the finish to dry for a minimum of 24 hours at a temperature of 70°F (21°C) and 55% R.H.

#### **Titan Fine - Hand Application Method**

1. Ensure that the receiving surface has been properly prepared according to the Surface Preparation section contained within this Product Data Sheet.
2. Apply uniform coat, no thicker than the largest aggregate, leaving a smooth uniform finish.
3. A second coat of Titan Fine may be necessary to correct any imperfections and to achieve a uniform finish after the first coat has set but not fully dried.

#### **Titan Fine - Machine Spray Method**

1. Ensure that the receiving surface has been properly prepared according to the Surface Preparation section contained within this Product Data Sheet.
2. Spray Titan Fine to the receiving surface maintaining a wet edge.
3. Allow this coat to dry clear.
4. A second coat of Titan Fine may be necessary to correct any imperfections and to achieve a uniform finish after the first coat has set but not fully dried.

#### **DRYING:**

Drying time may vary due to climatic conditions, but should not take less than 24 hours at an ambient and surface temperature of 70° F (21° C) and 55% R.H. Variations in ambient and surface temperature and humidity may prolong drying time. All freshly applied material must be protected by an approved protective system from inclement weather until fully dry. It is the responsibility of the applicator to determine if the product is fully dry prior to exposing it to rain, snow, dew, and/or any other inclement weather condition that may be detrimental to the product.

#### **LIMITATIONS:**

1. DO NOT apply product when the ambient and surface temperature is below 40°F/4°C or above 90°F/32°C. The ambient and surface temperature must stay consistently within this range until fully dry (see also DRYING). Material that is allowed to freeze may suffer irreparable damage. Protect all work from inclement weather with an approved protective system until fully dry.
2. DO NOT add any other materials to the mixture of the product without written approval from Omega Products International, Inc.
3. DO NOT deviate in the mixing or application procedures contained in this, or any other Valentino Product Data Sheets, without written approval from Omega Products International, Inc.
4. DO NOT apply Titan Finishes if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils.
5. DO NOT use a Jiffler-type mixer that exceeds 500 RPM.

#### **CLEANING:**

Cleaning may be accomplished with water immediately after use.

#### **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. Due to job conditions beyond the control of Omega Products International, Inc. we make no warranty as to the acceptance of the final color. The actual integrally colored finish should be applied on a sample section of the project and verified for color accuracy prior to the actual application process.

#### **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

#### **DISCLAIMER:**

Omega Products International, Inc. [Manufacturer] MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT SOLD HEREIN. The recommendations, suggestions, statements and technical data are based on the best knowledge available to Manufacturer and are given for informational purposes ONLY and without any responsibility for their use. It is expressly understood and agreed, as a condition of the use of this product, that the buyer's sole and exclusive remedy for any claimed defective product against Manufacturer 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, Inc. at (800) 600-6634 or FAX (951) 520-2594 or by e-mail at [info@omega-products.com](mailto: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.