TAMMOSCOAT
WATER-BASED, DECORATIVE AND PROTECTIVE ACRYLIC COATING

DESCRIPTION
TAMMOSCOAT is a high build, water-based, acrylic coating used to protect and decorate sound masonry and concrete walls. TAMMOSCOAT is available in a multitude of colors in either a smooth or fine (sanded) finish.

PRIMARY APPLICATIONS
- Exterior and interior above grade walls
- Concrete
- Concrete masonry units
- Brick
- Stone
- Stucco

FEATURES/BENEFITS
- Repels water
- Excellent adhesion
- Protects from carbonation
- Outstanding color retention
- Highly durable
- Breathable
- Freeze-thaw stable
- Custom and standard colors & textures
- Can contribute to LEED points

TECHNICAL INFORMATION
The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

<table>
<thead>
<tr>
<th>Property</th>
<th>FINE</th>
<th>SMOOTH</th>
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<tbody>
<tr>
<td>Density</td>
<td>12-13 lbs/gal</td>
<td>11-12 lbs/gal</td>
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<tr>
<td></td>
<td>1.44-1.56 kg/L</td>
<td>1.32-1.44 kg/L</td>
</tr>
<tr>
<td>Viscosity</td>
<td>3,000-3,700 cp</td>
<td>1,500-1,900 cp</td>
</tr>
<tr>
<td>Solids (by weight)</td>
<td>65-68%</td>
<td>55-60%</td>
</tr>
<tr>
<td>Flash Point</td>
<td>162°F (72°C)</td>
<td>162°F (72°C)</td>
</tr>
</tbody>
</table>

Wind Driven Rain Resistance, ASTM D6904
Weight Gain @ 24 hr (avg.) 0.10 lbs.

Freeze-Thaw Resistance, AASHTO R-31
Result @ 30 days.....................No disbondment

Water Vapor Transmission, ASTM D1653
Permeability @ 21 days..........19.0 grains/h-ft²-in Hg

Abrasion Resistance, ASTM D968
3,000 liter Sand Volume..........No coating loss

Salt Fog Resistance, ASTM B117
Result @ 2,000 hr ..................No disbondment

UV & Condensation Exposure*, ASTM D4587
Blistering @ 2,000 hr..............No blistering
Cracking @ 2,000 hr...............No cracking
Delaamination @ 2,000 hr........No delamination
Chalking @ 2,000 hr...............Rating 10
*4 hours UV, 4 hours condensation

Fungal Resistance, ASTM D3273
Result @ 4 weeks ..................Rating 10 (no fungal growth)

Salt Scaling, ASTM C672
Result @ 50 cycles.....................No change

Freeze-Thaw Resistance, ASTM C666
Procedure A Result @ 300 cycles...........No change

Specular Gloss, ASTM D523
Result @ 60° ........................2.4
Result @ 85° ........................0.0

Impact Resistance, ASTM D2794
Result @ 219 inch-pounds...........Pass

Dirt Collection, ASTM D3719
Result @ 61 days.....................No change

Chemical Resistance, ASTM G20
5% Ammonia Result @ 180 days...........No change
5% Urea Result @ 180 days..............No change

Fungal Resistance, TT-P-29B
Result @ 4 weeks.....................No fungal growth

Packaging
TAMMOSCOAT is packaged in 55 gal (208.2 L) drums and in 5 gal (18.9 L) pails.

Shelf Life
2 years in original, unopened container
purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.

Euclid provides limited written warranty. Any written warranty is subject to the terms and conditions herein. A written warranty which is inconsistent with these terms and conditions shall be void. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its products or literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and are for estimating purposes only. Surface temperature, porosity, and texture will determine actual material requirements. Apply samples to all surfaces to be coated. Obtain approval of Architect or Owner for the color, finish, water repellency, and coverage before proceeding with work.

### Directions for Use

**Surface Preparation:** Cure new concrete and masonry surfaces for a minimum of 7 days. Surface must be structurally sound, clean, dry, and free of dust, dirt, oil, peeling paint, curing and form release compounds, and other contaminants. Provide an absorptive surface on smooth pre-cast, formed concrete and other substrates by abrading the surface. Surface profile should be equal to CSP 1 to 2 in accordance with ICRI Guideline 310.2. Defective concrete should be removed and patched using compatible restoration products.

**Priming:** For concrete and masonry, especially in hot, windy conditions, priming with TAMMS H/P Primer is recommended. For highly porous concrete block, priming with TAMMS MASONRY PRIMER is recommended.

**Mixing:** TAMMSCOAT should be mechanically mixed using a low speed 3/4” (19mm) drill with a mixing paddle. Mix thoroughly to a uniform, smooth consistency. Do not aerate the mix.

**Application:** Spray TAMMSCOAT FINE using heavy duty spray equipment capable of spraying ceiling texture, plaster or cementitious coatings. To spray TAMMSCOAT SMOOTH, use airless spray equipment with a 0.025” to 0.035” (0.64 to 0.89 mm) orifice size spray tip. Spray TAMMSCOAT using a “cross coat” technique (horizontal pass followed by a vertical pass). Avoid applying to excess, which can cause the product to run down the wall or puddle. Backrolling is recommended during application of the first coat. The second coat can be sprayed after the first coat is dry, approximately 12 to 24 hours. Do not backroll during the second coat. For hand application, use brushes and 1½” (38.1 mm) nap rollers designed for latex paint. Dampen the brushes or rollers with clean water before use. When using rollers, uniform millage is achieved by rolling TAMMSCOAT in one direction only.

**Precautions/Limitations**

- Store at temperatures between 50°F (10°C) to 90°F (32°C).
- Protect from freezing.
- Do not thin or dilute TAMMSCOAT.
- Do not apply TAMMSCOAT if rain is expected within 8 hours.
- Do not apply over frost filled surfaces.
- Do not apply if surface and ambient temperatures are below 45°F (7°C) or above 90°F (32°C).
- Do not apply to non-absorbent materials such as glass, metal, glazed brick or glazed tile.
- Not for use on traffic bearing surfaces.
- Use HP PRIMER as a prime coat on very porous surfaces or in hot, windy conditions.
- Temperatures below 75°F (24°C) may require longer cure time prior to application of TAMMSCOAT on fresh concrete.
- In all cases, consult the Safety Data Sheet before use.

### Coverage

<table>
<thead>
<tr>
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<th>1st Coat</th>
<th>2nd Coat</th>
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<tbody>
<tr>
<td>TAMMS H/P PRIMER</td>
<td>100 to 150 (2.45 to 3.68)</td>
<td>-----</td>
</tr>
<tr>
<td>Smooth surfaces</td>
<td>200 to 300 (if required) (4.91 to 5.33)</td>
<td>-----</td>
</tr>
<tr>
<td>TAMMS MASONRY PRIMER</td>
<td>40 to 80 ( 0.98 to 1.96)</td>
<td>-----</td>
</tr>
<tr>
<td>TAMMSCOAT SMOOTH</td>
<td>80 to 100 (1.96 to 2.45)</td>
<td>80 to 100 (1.96 to 2.45)</td>
</tr>
<tr>
<td>Smooth surfaces</td>
<td>80 to 120 (1.96 to 2.94)</td>
<td>100 to 130 (2.45 to 3.19)</td>
</tr>
<tr>
<td>TAMMSCOAT FINE</td>
<td>50 to 65 (1.23 to 1.60)</td>
<td>60 to 75 (1.47 to 1.84)</td>
</tr>
<tr>
<td>Smooth surfaces</td>
<td>75 to 100 (1.84 to 2.45)</td>
<td>85 to 110 (2.09 to 2.70)</td>
</tr>
</tbody>
</table>

**Note:** TAMMSCOAT coverage rates are approximate and are for estimating purposes only. Surface temperature, porosity, and texture will determine actual material requirements. Apply samples to all surfaces to be coated. Obtain approval of Architect or Owner for the color, finish, water repellency, and coverage before proceeding with work.

Rev. 04.19

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