



# TAMMSCOAT 35

## COLD WEATHER DECORATIVE AND PROTECTIVE ACRYLIC COATING

**EUCLID CHEMICAL**

### PACKAGING

#### Standard Colors

55 gal (208.2 L) drum (MTO)

Code: TL3510555\$ (Fine)

Code: TL3510555\$ (Smooth)

5 gal (18.9 L) pail (MTO)

Code: TL3510505\$ (Fine)

Code: TL3510505\$ (Smooth)

Special Colors are available and MTO.

### CLEAN UP

Clean tools and application equipment immediately after use with soap and hot water. Clean overspray and drips while still wet with soap and hot water. Dried material may require strong solvents or mechanical abrasion for removal.

### SHELF LIFE

2 years in original, properly stored, unopened package

### DESCRIPTION

TAMMSCOAT 35 is a high-build, water-based, acrylic coating used to protect and decorate sound masonry and concrete walls. TAMMSCOAT 35 has been formulated to be applied on projects where the application temperature is 35 °F (2 °C) and rising. TAMMSCOAT 35 is available in a multitude of colors in either a smooth or fine (sanded) finish.

### PRODUCT CHARACTERISTICS

#### FEATURES/BENEFITS

- Repels water
- Low temperature applications
- Excellent adhesion
- Protects from carbonation
- Outstanding color retention
- Highly durable
- Breathable
- Freeze-thaw stable
- Custom and standard colors

#### PRIMARY APPLICATIONS

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

#### APPEARANCE

TAMMSCOAT 35 is available in standard colors and tint bases for universal colorant systems. FINE and SMOOTH textures are standard. Custom colors are available with minimum quantity orders. Contact your local Euclid Chemical representative for further information.

### COVERAGE

	1st Coat	2nd Coat
TAMMSCOAT 35 SMOOTH	Coverage - ft <sup>2</sup> /gal (m <sup>2</sup> /L)	Coverage - ft <sup>2</sup> /gal (m <sup>2</sup> /L)
Porous surfaces	80 to 100 (1.96 to 2.45) 8 to 10 MIL DFT	80 to 100 (1.96 to 2.45) 8 to 10 MIL DFT
Smooth surfaces	80 to 120 (1.96 to 2.94) 7 to 10 MIL DFT	100 to 130 (2.45 to 3.19) 6 to 8 MIL DFT
TAMMSCOAT 35 FINE		
Porous surfaces	50 to 65 (1.23 to 1.60) 14 to 18 MIL DFT	60 to 75 (1.47 to 1.84) 12 to 15 MIL DFT
Smooth surfaces	75 to 100 (1.84 to 2.45) 9 to 12 MIL DFT	85 to 110 (2.09 to 2.70) 8 to 11 MIL DFT

**Note:** TAMMSCOAT 35 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 and/or owner for the color and finish before proceeding with work.

## TECHNICAL INFORMATION

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

Test Method	Test Property	Values	
		FINE	SMOOTH
N/A	Density	12.5 ± 0.5 lb (5.7 ± 0.23 kg/L)	11.5 ± 0.5 lb (5.2 ± 0.23 kg/L)
N/A	Solids (by weight)	65 to 68%	55 to 60%
N/A	Solids (by volume)	55 to 57%	50%
N/A	Viscosity	3,000 to 3,700 cp (118 to 125 ku)	1,500 to 1,900 cp (98 to 105 ku)
N/A	Flexibility Test	1" Mandrel (25mm) . . . . . No chipping or breaking	
Fed Test 141, Method 6271	Fungus Growth	28 days . . . . . None	
ASTM D2794	Impact Resistance	No Chipping	
ASTM B117	Salt Spray Resistance 90 °F ± 2 °F (24 °C ± -17 °C)	2,000 hrs 5% solution . . . . . No adhesion loss	
ASTM C672	Scaling Resistance (25 cycles)	Visual Rating . . . . . 0 Scaling Mass . . . . . None	
ASTM G26	Weatherometer	6,000 hours . . . . . No crazing, cracking, chipping or flaking	
TT-C 555B	Wind Driven Rain Resistance	Rating . . . . . E (excellent)	

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## DIRECTIONS FOR USE

**Surface Preparation:** Cure new concrete and masonry surfaces for 28 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 at least equal to CSP 1 to 2 in accordance with ICRI Guideline 310.2. Defective concrete and other defects should be routed to sound material and repaired using compatible repair products.

**Mixing:** TAMMSCOAT 35 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 material.

**Application:** Spray TAMMSCOAT 35 FINE using heavy duty spray equipment capable of spraying ceiling texture, plaster or cementitious coatings. To spray TAMMSCOAT 35 SMOOTH, use airless spray equipment with a 0.025" to 0.035" (0.64 to 0.89 mm) orifice size spray tip. Spray TAMMSCOAT 35 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 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 35 in one direction only.

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## PRECAUTIONS/LIMITATIONS

- Store at temperatures between 50 °F (10 °C) to 90 °F (32 °C).
- Protect from freezing.
- Do not apply if ambient temperatures will fall below 35 °F (2 °C) prior to the material drying.
- Do not thin or dilute TAMMSCOAT 35.
- Do not apply TAMMSCOAT 35 if rain is expected within 24 hours.
- Do not apply over frost filled surfaces.
- Do not apply if surface and ambient temperatures are below 35 °F (2 °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.
- In all cases, consult the Safety Data Sheet before use.

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