



american coating technologies
www.amcoating.com

Product Technical Data

AM 6500 Dry-Fall Modified Acrylic Topcoat

Product Description

AM 6500 is a Dry Fall Top Coating which is an extremely fast drying single package modified acrylic. Its overspray is designed to be powder dry within 10-20 feet from the point of application. This allows painting to continue without worry of paint overspray damage to equipment and vehicles. AM 6500 has outstanding gloss and weathering properties making it an excellent choice for tank and pipe coating. This product eliminates the unsightly chalking that occurs with epoxy topcoats. Available in many colors in Semi-gloss or gloss.

Vehicle Type:

Modified Solvent
Based Acrylic

Pigmentation:

Varies with color (Lead Free)

Reducers:

No Reduction Necessary

Below 80°F:

American AM 3200 Reducer

Above 80°F:

American AM 3000 Reducer

Above 80°F:

American AM 3000 Reducer

To Maintain Wet Edge:

American AM 3600-Reducer
(Max 5%)

Mix Ratio:

Single Package

Pot Life:

Not Applicable

Volume Solids:

35% (+/- 1%)

Theoretical Coverage:

560 ft² /gal. @ 1 Mil DFT

Flash Point:

-4°F (Lowest Flashing Component)

Recommended DFT:

2-3 mils DFT = 5.7 – 8.5 mils
WFT

VOC:

<400 g/L

Shelf Life:

1-Year Minimum

Finish:

Gloss, Semi-Gloss, Satin

Dry-time:

To Touch: 5 Minutes
Tack Free: 30 Minutes
To Recoat: 20 Minutes
To Handle: 1-2 Hours
For Service: 12 Hours

Color:

Selected Range

Typical Systems:

Primer:
AM 47500 Dry-Fall Epoxy
(2-3 mils DFT)
Topcoat:
AM 6500 2-3 mils DFT

Primer:
AM 8400 Dry-Fall Phenolic
Modified Alkyd 2-3 mils
Topcoat:
AM 6500 2-3 mils DFT

Surface Preparation:

- 1) All surfaces to be painted should be dry and free of all foreign contaminants.
- 2) Apply over desired primer (See Typical Systems)

Mixing Instructions and Reduction:

No reduction is necessary to achieve Dry-Fall properties. If desired, reduce up to 5% with one of the following American VOC Exempt Reducers.

Reducers:

AM 3000 American VOC Exempt Warm WeatherDry-Fall Reducer for temperatures 80°F and above.

OR: AM 3200 American VOC Exempt Cold Weather Reducer for temperatures below 80°F.

AM 3600 American Blending Reducer may be used for extremely hot temperatures (90 °F), to help overspray blend in. (Do not exceed 5%)

If "fingering" occurs during the spray application, increase the amount of thinner, which will decrease the viscosity of the coating.

***Do not increase the pump pressure. Maintain 1800 psi allowing +/- 25 psi for surges.**

Application Requirements:

To assure Dry-Fall effect, do not apply in temperatures below 45°F, on surfaces below 40°F, or humidity above 85% Rh.

When humidity is above 50%, take caution to observe the dry-fall range as it may extend slightly past the 20-foot mark, up to 50 feet depending on other weather variables.

Make sure the equipment being used will give accurate psi readings so the pressure from the pump can be maintained at 1800 psi allowing a maximum +/- 25-psi for surges.

The product will continue curing to temperatures of 30°F. Do not apply in temperatures that are 5°F or less from the dew point.

Contact a American Coating representative to further review your specific spray conditions.

Method of Application:

Airless Gun:

Graco 205-591

Pump:

30:1/45:1/60:1,
Gas Pump Acceptable

Tip Range:

3.011 – 5.011

Pump Pressure:

1800 psi allowing
+/- 25 psi for surges

Hose:

3/8 inch ID
(Do not use whip lines)

Brush or Roller:

Acceptable when reduced
with American AM 10500
Brush & Roll Reducer

Clean Up:

1:1 Blend MEK & Xylene

Note: Electric pumps are NOT recommended

Safety Precautions:

- 1) Use normal precautions such as gloves, facemasks and barrier creams.
- 2) Adequate ventilation must be maintained. In confined areas, workmen must wear constant flow airline respirators.
- 3) If product comes into contact with skin, wash thoroughly with lukewarm water or diluted Boric Acid, and obtain immediate medical attention.
- 4) This product contains **FLAMMABLE** materials. Keep away from sparks and open flames. Observe **NO SMOKING** regulations.
- 5) All electrical equipment and installations should conform to NEC regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools, and to wear conductive, non-sparking shoes.
- 6) Observe low flash regulations.
- 7) Refer to Material Safety Data Sheet (MSDS) for complete safety instructions.

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