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Product Technical Data

AM 72000 Series Dry-Fall Topcoat

Product Description

AM 72000 is a Dry-Fall Single Component Modified Silicone Alkyd Top Coat with low VOC. AM 72000 has a very high silicone content and light stable pigmentation, which will maintains exceptional color purity in rugged industrial tank storage facilities. **This Silicone Top Coat** dries to a powder within 10-20 feet from point of application; it may be used in high traffic areas where overspray damage to nearby cars and equipment would be a concern. It is an excellent choice for coating storage tanks, processing plants and piping and will eliminate the unsightly chalking, which occurs with the use of epoxies.

Vehicle Type:
Modified Silicone Alkyd

Pigmentation:
Lead Free

Reducers:
Reduce Minimum 10%

Below 80˚F:
American AM 3200 Reducer

Above 80˚F:
American AM 3000 Reducer

Brush or Roller:
#105 Brush and Roll Reducer

To Maintain Wet Edge:
American AM 3600 Reducer (Max 5%)

Mix Ratio:
Single Package

Pot Life:
Not Applicable

Volume Solids: 42%

VOC: <340 grams per liter

Theoretical Coverage:
672 ft2 /gal. @ 1 Mil DFT

Flash Point:
-8˚F (Lowest Flashing Component)

Recommended DFT:
2-3 mils

Dry-time:

To Touch:	10 Minutes
Tack Free:	1/2 to 1 Hour
To Recoat:	10 Minutes
To Handle:	2-3 Hours
For Service:	12 Hours

Shelf Life:
1-Year Minimum

Finish:
Gloss, Semi-Gloss & Satin

Color:
Selected Range

Surface Preparation:
1) All surfaces should be clean, dry and free of all foreign contaminants.

2) Apply over American AM 84OO Dry-Fall Primer, AM 47500 Dry-Fall Epoxy Primer, AM 48500 Dry-Fall Epoxy DTM or over previously painted surfaces that are tightly bonded.

Mixing Instructions and Reduction:
AM 72000 must be reduced 10%-20% with The following American Dry-Fall Reducers:

AM 3000 Warm Weather Dry-Fall Reducer for temperatures 80˚F and above.

OR—AM 3200 Cold Weather Dry-Fall Reducer for temperatures below 80˚F.

AM 3600 Blending Reducer may also be used for extremely hot temperatures (90 ˚F), to help overspray blend in. (Do not exceed 5% reduction) 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 Coatings 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 – 4.011

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 #10500 Brush and 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 safetyinstructions.