

Selection & Specification Data

Generic Type A/D COLORCOAT® is a single component, low VOC siliconized alkyd coating. It is the required topcoat for A/D FIREFILM®III intumescent fireproofing.

A/D COLORCOAT® offers minimal dirt collection and excellent color and gloss retention. It is available in many colors in gloss finish.

Limitations Typical of white alkyd coatings, some yellowing of white and light color A/D COLORCOAT® may occur in the field. Where white color retention is important, contact your Carboline representative for recommendations.

Physical Data (Typical Values)

VOC	2.5 lb/gal (300 g/litre)
Weight / Gallon	10.7lb/gal
Solids by Volume	63% ± 2% (value for pure white)
Solids by Weight	70% ± 2% (value for pure white)
Theoretical Coverage	1010 ft ² /gal (24.8 m ² /litre) @ 1 mil wet
Recommended Coverage	252 ft ² /gal (6.2 m ² /litre) @ 4 mils wet, 2 mils dry (min.)
Max. Thickness Per Coat	2-3mils dry
Recoat Time	24 hrs @ 75°F (24°C), 50% R.H.
Finish	Gloss
Packaging	1 and 5 gallon (U.S.) containers
Shipping Weight	1 gal. - 13 lb (6 kg) 5 gal. - 64 lb (29 kg)

Test reports and additional data available upon written request.

Surface Preparation

Apply, measure and record dry film thickness of A/D FIREFILM®III according to "A/D FIREFILM®III Application Guide". Be sure specified dry film thickness has been achieved before topcoating A/D FIREFILM®III with A/D COLORCOAT®.

A/D FIREFILM®III must be dry before application of topcoat - Shore "D" hardness should be a minimum of 70, measured at 70°F (21°C) and a minimum of 24 hours is

required between application of the final coat of A/D FIREFILM®III and application of A/D COLORCOAT®.

Precautions

Contents are combustible. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

SEE MATERIAL SAFETY DATA SHEET.

Application Conditions

A/D FIREFILM®III must be dry before application of topcoat - Shore "D" hardness should be a minimum of 70, measured at 70°F (21°C) and a minimum of 24 hours is required between application of the final coat of A/D FIREFILM®III and application of A/D COLORCOAT®.

Do not apply A/D COLORCOAT® until it has been determined that the required dry film thickness of A/D FIREFILM®III has been provided!

Apply A/D COLORCOAT® to a minimum dry film thickness of 2 to 3 mils. Air, surface and material temperatures should be within the range of 40° - 120°F (5° - 49°C) and at least 5°F (3°C) above dew point.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Spray Application (General)

The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

Conventional Spray

Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, .052" I.D. fluid tip and appropriate air cap.

A/D COLORCOAT®

Application Equipment continued...

Airless Spray	Pump Ratio: 30:1 (min.)* GPM Output: 3.0 (min.) Material Hose: 3/8" I.D. (min.) Tip Size: .013-.015" Output PSI: 2500 Filter Size: 100 mesh *Teflon packings are recommended and available from the pump manufacturer.
Brush & Roller (General)	Avoid excessive re-brushing or re-rolling.
Brush	Use a natural bristle brush.
Roller	Use a short-nap synthetic roller cover with phenolic core.

Cleanup & Safety

Safety	Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Use adequate ventilation and wear gloves or use protective cream on face and hands if hypersensitive. Keep container closed when not in use.
Caution	This product contains flammable solvents. Keep away from sparks and open flames. In confined areas, workmen must wear appropriate respiratory protection. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.



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