

A-0400

WIPE-ON METAL SEALANT

PRODUCT CODE:
A-0400

PRODUCT DESCRIPTION:

A-0400 Wipe-On Metal Sealant is a one-part, solvent-based coating that revives and protects architectural anodized aluminum on building exteriors. As the natural elements take their toll on architectural metals, the exposed surface can become weathered, corroded and chalky. Not only does this create an unsightly appearance, but it also poses a threat to the structural integrity of the metal. This product can simply be wiped on the metal surface with a wool pad applicator, allowing for an expedited application process.



PHYSICAL PROPERTIES:

PRODUCT DESCRIPTION:	Wipe-On Metal Sealant
PRODUCT NUMBER:	A-0400
TYPE:	Solvent Based
COLOR:	Clear
MIX:	One Component
VISCOSITY:	11 sec - #4 Ford Cup
WEIGHT PER GALLON (ASTM D 1475-90):	10.80 lbs/gal
FLASH POINT:	104°F (40°C)
SOLIDS (CROSSLINKED):	21% by weight 15.9% by volume
VOC:	33.6 g/l
RECOMMENDED FILM THICKNESS:	WET: 1-2 mil DRY: 0.5 - 1 mil
COVERAGE:	255 - 300 sq. ft./gal
GLOSS:	80 gloss @ 60°
SHELF LIFE:	UNOPENED: 1 Year
FREEZE CAUTION:	N/A
PACKAGING:	READY-TO-USE
SUBSTRATES:	Anodized Aluminium, other coated and uncoated metals (Other substrates acceptable per APV Engineered Coatings approval.)
RECOMMENDED STORAGE:	Cool, Dry, Dark Location

SUBSTRATE PREPARATION:

Although APV's coating systems have been designed to apply over a wide variety of surface types, some substrates require additional preparation. Always consult your APV technical representative regarding each project. In all cases, the substrate must be properly prepared as defined in the instructions below and tested using the ASTM D3359 Standard Test Methods for Measuring Adhesion by Tape Test prior to coating the surface. Inadequate surface preparation and application can lead to coating failure and/or under-performance.

APPLICATION:

TEMPERATURE AND ENVIRONMENTAL FACTORS

Ambient air temperature is pertinent to coating performance and cure. Be sure to check that the air, surface, and material are between 55°-85°F and at least 5°F above the dew point. Avoid application if precipitation is expected within 24 hours and/or if air or surface temperature is expected to drop below 35°F within two days.

Dust and Contamination | Work areas should be protected from conditions where dust and contamination are possible during the application and curing process. Dust and contaminants that settle on fresh applied coatings can impair the integrity of the coating leading to a shorter coating life and reduced performance. Please ensure your work area is free from dust and contaminants. If any previous coatings accumulate dust or contaminants, remove those before adding succeeding coats.

Ventilation | Always use adequate ventilation and proper NIOSH approved respirator when applying NeverFade® topcoats and associated primer systems. Avoid breathing mist or sanding dust created by the application or surface preparation.

FILM THICKNESS AND SPREADING RATE

Theoretical spreading rates can be used as a rough guide for determining film thickness. However, to ensure proper film thickness, wet thickness readings should be taken at random locations immediately after application. A Nordson Wet Film Gauge or similar instrument may be used for this purpose.

Dry film thickness may be measure on ferrous metals using a magnetic gauge following the procedure outlined in SSPC-PA2, Sections IV, Paint Thickness Measurement. Readings should be taken in accordance with the specifications standards mentioned above.

Applying the appropriate film thickness is important to the performance characteristics of the coating. Be careful not to apply too heavy of a coat. Excessive paint on the surface may result in runs and sags as well as weak spots in the film. A heavy coat weight may also change the drying properties causing wrinkling or cracking, and adversely affect intercoat adhesion.

BRUSH, ROLL AND SPRAY APPLICATION

Wipe | Wool Pad Applicator

Roller | 3/8"-3/4" nap cover

Spray | HVLP, Consult an APV Equipment Specialist for recommendations on spray tips, caps, nozzles, fluid and air pressures.

CLEANUP INFORMATION:

Always observe good professional hygiene practices and wash hands thoroughly after using our products. Clean hands immediately after use with soap and water. Use acetone to thoroughly clean application equipment. This will keep the product from curing onto the surfaces. Any cured or dried coating left on the equipment will have to be removed with standard grade paint thinner.

CAUTIONS. It is necessary for the integrity of the job that contractors ensure all personnel are properly protected from hazards when coating, or blast cleaning. There are numerous OSHA standards that cite how, where, and when workers need to be protected. You should consult OSHA, local, and equipment officials before starting the job to ensure your complete compliance with the law to avoid any liability issues. Product labels, Product Data Sheets, and Safety Data Sheets should always be consulted prior to any coating operations, and safety and health details should be addressed prior to implementing these operations.

Always dispose of dry, empty containers in compliance with local or state regulatory codes. First Aid: In case of eye contact, flush with water for 15 minutes. In case of skin contact, wash with soapy and water. If you experience difficulty breathing, seek a fresh source of air. In all cases, if you continue to experience discomfort, seek medical attention immediately. All products are for professional use only. Do not take internally. Keep out of reach of children. Refer to the Material Safety Data Sheet for safety instructions.

WARNING! Removal of old paint may generate fumes and dust that contain lead. This may be a step in the surface preparation process outlined previously. Lead can cause serious health issues. For more information regarding the proper protective equipment, containment, and cleanup for the removal of lead based paints contact the National Lead Information Center at 1.800.424.LEAD or contact your local health authority.

NOTE: The information and data given herein are based upon tests and reports considered reliable and are believed to be accurate. However, due to varied application and handling methods, no guarantee of duplicate performance, expressed or implied, is made.



APV Engineered Coatings, Inc.
1390 Firestone Parkway Akron, Ohio 44301 USA
800.772.3452 sales@apvcoatings.com
www.apvcoatings.com