

# Galvite™ HS

## Alkyd Modified Acrylic Coating

B50WZ0030 Off White


**SHERWIN  
WILLIAMS®**

### CHARACTERISTICS

**GALVITE HS** is a solvent based alkyd modified acrylic coating. It is intended for use in mild industrial, commercial and architectural environments. It may be used untopcoated or topcoated with select waterborne or solvent based coatings.

#### Features:

- Great adhesion to galvanized and aluminum
- Early moisture resistance
- Good acid and alkali resistance

#### For use on properly prepared:

- Galvanized & Aluminum
- Primed ferrous metal
- Galvalume® Steel
- Zinc rich primers

#### Recommended for:

Overhead metal decking, Metal ceiling, Joists, Railings, Galvanized conduit

**Finish:** 0-15°@85°

**Color:** Off White

#### Recommended Spreading Rate per coat:

Wet mils: 5.0-7.0

Dry mils: 3.0-4.2

Coverage: 229-320 sq.ft. per gallon

**Theoretical Coverage:** 962 sq. ft. per gallon @ 1 mil dry

Approximate spreading rates are calculated on volume solids and do not include any application loss.

**Note:** Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

#### Drying Schedule @ 5.0 mils wet, @ 50% RH:

Drying, and recoat times are temperature, humidity, and film thickness dependent.

	@40°F	@77°F	@100°F
To touch	8-10 hrs.	1.5 hrs.	15 minutes
To handle tack free	16 hrs.	4 hrs.	30 minutes
To recoat	24 hrs.	4.5 hrs.	1hr.
To cure	21 days	14 days	7 days

**Tinting:** DO NOT TINT when used as a finish.

For tinting as a guide coat prior to topcoating, do not exceed 1/2 ounce colorant per gallon

#### Off White B50WZ0030

**V.O.C. (less exempt solvents):** As Mixed  
337 grams per litre; 2.81 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 60 ± 2%

**Weight Solids:** 79 ± 2%

**Weight per Gallon:** 13.23 lb

**Flash Point:** 93°F TCC

**Vehicle Type:** Alkyd modified acrylic

**Shelf Life:** 36 months, unopened

### COMPLIANCE

As of 08/11/2021, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	No
<b>S.C.A.Q.M.D.</b>	No
<b>CARB</b>	No
<b>CARB SCM 2007</b>	No
<b>CARB SCM 2020</b>	No
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	No
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	No
<b>EPD-NSF® Certified</b>	No
<b>MIR-Manufacturer Inventory</b>	No
<b>MPI®</b>	No

### APPLICATION

#### Temperature:

minimum 40°F / 4.4°C  
maximum 100°F / 38°C

air, surface, and material

At least 5°F above dew point

**Relative humidity:** 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** No reduction in restricted areas

Below 80°F(27°C) Xylene, R2K4

Above 80°F(27°C) Aromatic Hi-Flash Naphtha, R2K5

#### Airless Spray:

Pressure 2400 p.s.i.  
Hose 1/4 inch I.D.  
Tip .015 inch  
Filter 60 mesh

#### Conventional Spray:

Gun Binks 95  
Fluid Nozzle 63 A  
Air Nozzle 63 PB  
Atomization Pressure 50 p.s.i.  
Fluid Pressure 15 p.s.i.  
Reduction: As needed up to 3% by volume

**Brush** Nylon-polyester or

natural bristle

**Roller Cover** 3/8 inch nap synthetic or  
lambs wool

If specific application equipment is listed above, equivalent equipment may be substituted.

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance. Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness, or porosity of the surface, skill, and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, over thinning, climatic conditions, and excessive film build.

Mix paint thoroughly to a uniform consistency with slow speed power agitation prior to use. Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

### SPECIFICATIONS

#### Aluminum: Interior

1-2 coats Galvite HS

#### Aluminum: Exterior

2 coats Galvite HS

#### Galvanized Interior:

1-2 coats Galvite HS

#### Galvanized Exterior:

2 coats Galvite HS

#### Galvanized Rusted:

1-2 coats Kern Bond HS

(spot prime rusted areas only)

1-2 coats Galvite HS

#### Galvanized and Aluminum:

1 coat Galvite HS

2 coats Acceptable Topcoats

#### Other Acceptable Topcoats:

DryFall Coatings  
Industrial Enamel HS  
Metalatex Semi-Gloss Enamel  
Pro Industrial Acrylic  
Pro Industrial DTM Acrylic  
Pro Industrial Multi-Surface Acrylic  
Pro Industrial Urethane Alkyd Enamel  
Pro Industrial Waterbased Alkyd-Urethane  
Sher-Cryl  
Silver-Brite Aluminum  
Steel Master 9500

The systems listed above are representative of the product's use, other systems may be appropriate.

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### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Aluminum-** Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1.

**New Galvanized Steel-** Allow to weather a minimum of 6 months prior to coating. Remove grease, oil, dirt, soil, drawing compounds, and other contaminants by use of solvents, emulsions, cleaning compounds, or steam cleaning per SSPC-SP1. If weathering is not possible or if the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 or NACE 4 is necessary to remove these treatments.

**Old Galvanized Metal-** If metal is covered with a white powder (white rust) and there is little or no rusting, Solvent Clean per SSPC-SP1. If zinc surface has weathered away and general rusting is taking place, Hand Tool Clean per SSPC-SP2, and spot prime only the rusted areas with Kem Bond HS Primer.

**Factory Finished Interior Metal Roof Deck-** This surface may be hard and slick and prohibit adequate adhesion. Spot test. Solvent Clean per SSPC-SP1 and apply a test patch of Galvite HS. Allow paint to dry at least one week before testing adhesion. Be sure decking manufacturer certifies it is paintable. If adhesion is poor, Hand Tool Clean per SSPC-SP2 or Brush Blast per SSPC-SP16.

Recognize that any surface preparation short of total removal of contaminants, may compromise the service length of the system.

### SURFACE PREPARATION

**Mildew-** Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label. Refer to the Safety Data Sheets (SDS) before use.

#### **FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### CLEANUP INFORMATION

Clean spills, spatters and tools immediately after use with compliant cleanup solvent. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

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