

Gallery Series™ Waterborne Topcoat 40 Gloss

B52W00040 Semi-Gloss White, B52F00040 Semi-Gloss Clear



**SHERWIN
WILLIAMS.**

CHARACTERISTICS

Gallery Series™ Waterborne Topcoat 40 Gloss is an acrylic finish for interior, vertical wood products with the performance of a 2K finish in a 1K formula. This waterborne topcoat is designed for use as a self-sealing topcoat. This non-yellowing finish is fast dry to sand and recoat, while providing a durable finish with excellent hardness and resistance to common household chemicals compared to traditional acrylic latex and nitrocellulose finishes.

Meets KCMA (Kitchen Cabinet Manufacturers Association) test requirements for hardness and resistance to household chemicals when applied properly.

Use on:

Cabinets, Trim Packs, Interior Doors, Shelving

Color: Many colors

Spreading Rate: 400-430 sq. ft. per gallon
@ 1 mil dry film thickness, no loss

Recommended film thickness:
3.0-4.0 mils wet; 0.9-1.2 mils dry
Do not exceed 4.0 mils total dry film for the complete finishing system.

Drying Time, @ 77° F, 50% RH:

Touch dry: 30 minutes
To handle: 30 minutes
Sand: 45 minutes
Recoat: 45 minutes
Stackable: 24 hours
Force dry: 10-20 minutes @ 120-140°F
When force drying, allow surface to flash off for 10-15 minutes and to cool for 15 minutes afterward.
Drying and recoat times are temperature, humidity, and film thickness dependent.

Finish: Semi-Gloss 40 units @ 60°

Tinting with CCE only:

Base:	oz. per gallon:	Strength:
White Base	0-4	SherColor
Clear Base	10-12	SherColor

Clear base can be used as a standalone, self-sealing clear topcoat or used as a protective clear coat over the white or clear bases, tinted or untinted. Clear base is NOT for use as a clear coat over architectural coatings.

White B52W00040

(may vary by color)

V.O.C.(less exempt solvents):
171 grams per litre; 1.42 lbs. per gallon
As per 40 CFR 59.406

Volume Solids:	29 ±2%
Weight Solids:	40 ±2%
Weight per Gallon:	9.76 lbs
Flash Point:	N/A
VHAPS (as packaged):	0.09 lb/lb of solids
Vehicle Type:	Acrylic
Shelf Life:	18 months, unopened

COMPLIANCE

As of 10/30/2024, Complies with:

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

APPLICATION

Apply at temperatures above 55°F.

Reduction:

Normally not required. If needed to optimize application, reduce up to 10% with clean water only.

Brush:

Not recommended.

Roller:

Not recommended.

Airless Spray:

Pressure 1400-1800 p.s.i.
Tip .008-.012 inch FF

Conventional Spray:

Fluid Pressure 8-10 p.s.i.
Air Pressure 40-50 p.s.i.
Tip .055-.070 inch

Air Assisted Airless:

Fluid Pressure 400-600 p.s.i.
Air Pressure 15-25 p.s.i.
Cap/Tip .011-.013 inch

HVLP:

Fluid Pressure 5-10 p.s.i.
Air Pressure 8-10 p.s.i.
Cap/Tip .055-.070 inch
Needle #3 or #4

For airless and air assisted application, box coating technique may be required to achieve desired appearance. Fine Finish Low Pressure tips will provide the most desirable appearance.

The use of coating devices not in perfect order (defective gaskets, too high pressures) or of pumps with low capacity may cause major defects in the coating film (air bubbles).

APPLICATION TIPS

Mix the product thoroughly before application to disperse any possible sedimentation. This operation is essential to ensure even matting on the substrate. Avoid vigorous agitation, which may cause bubbling or foaming.

Because of the variety of materials used to manufactured wood items, when moving to a waterborne system from a solvent-based system, it is very important to check with the supplier the suitability of equipment and components used, with particular attention to electrostatic guns, pumps, seals, silicones, glues, product for booth water treatment, packing materials, sanding papers, putties, etc.

SPECIFICATIONS

**Wood Finishing System:
Bare Wood (without primer)**
Gallery Series is self-sealing.

3 coats Gallery Series Waterborne Topcoat @3.0-4.0 mils wet per coat

After first and second coats of Gallery Series, sand with 320 grit sandpaper and remove sanding dust or debris.

Do not exceed 4.0 mils total dry film thickness for the complete finishing system.

**Wood Finishing System:
Bare Wood (with primer)**

1 coat Gallery Series Waterborne Primer
2 coats Gallery Series Waterborne Topcoat @3.0-4.0 mils wet per coat

After first coat of Gallery Series, sand with 320 grit sandpaper and remove sanding dust or debris. To achieve additional build or depth, sand with 320 grit sandpaper and remove sanding dust or debris. Apply an additional coat of Gallery Series Waterborne Topcoat.

Do not exceed 4.0 mils total dry film thickness for the complete finishing system.

**Wood Finishing System:
Existing Finish (without a primer)**
Gallery Series is self-sealing.

2-3 coats Gallery Series Waterborne Topcoat @3.0-4.0 mils wet per coat

After first and second coats of Gallery Series, sand with 320 grit sandpaper and remove sanding dust or debris.

Do not exceed 4.0 mils total dry film thickness for the complete finishing system.

**Wood Finishing System:
Existing Finish (with a primer)**

1 coat Gallery Series Waterborne Primer
2 coats Gallery Series Waterborne Topcoat @3.0-4.0 mils wet per coat

After first coat of Gallery Series, sand with 320 grit sandpaper and remove sanding dust or debris. To achieve additional build or depth, sand with 320 grit sandpaper and remove sanding dust or debris. Apply an additional coat of Gallery Series Waterborne Topcoat.

Do not exceed 4.0 mils total dry film thickness for the complete finishing system.

If the wood has bleeding (such as tannin or knot-holes), prime with Extreme Block Stain Blocking Primer-Sealer.

Other primers may be appropriate.

Gallery Series™

Waterborne Topcoat 40 Gloss

SURFACE PREPARATION

Warning! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Wood-New Work (interior only):

Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties.

On interior woods that present potential tannin bleeding, a colored wood extract, **Extreme Block Stain Blocking Primer-Sealer** can be used. To test for bleeding, coat a 4-foot by 4-foot section with the primer. If no bleeding is evident within 2 hours, proceed with complete priming.

Wood-Previously Finished (interior only):

Previously applied finishes in good condition should be clean, dry and finish sanded. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Old surfaces in poor condition should be completely removed and the surface treated as a new surface. Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.

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 clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean 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.

PERFORMANCE

White Base B52W00040

Pencil Hardness:

Method: ASTM D3363
Result: 7 day dry, 6H

Water Vapor Transmission:

Method: ASTM D1653
Result: WVP (US) 21.84 / (hr ft² in Hg)

CAUTIONS

Protect from freezing.
Do not store at temperatures below 55°F.
For use on interior wood surfaces only.
Not for use on horizontal surfaces such as floors.

FOR PROFESSIONAL USE ONLY. FOR WOOD SUBSTRATES ONLY.

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

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CLEANUP INFORMATION

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