

**PITTSBURGH® PAINTS**A new generation of paint company  
for a new generation.**SPEEDCRAFT®****5-90 Series****Architectural Coatings****SPEEDCRAFT® Interior Enamel Wall and Trim Lo-Sheen Oil****Generic Type****Tinting and Base Information**

Alkyd Resin

**General Description**

Our high quality interior alkyd formulated to meet the performance requirements of professional applicators. SPEEDCRAFT® Interior Lo-Sheen Alkyd has good adhesion, application and touch-up properties on interior walls, ceilings and trim surfaces. Recommended for use on properly prepared and primed or previously painted wallboard, cured plaster and masonry, wallpaper (without metallic design), wood and metal surfaces.

Use PITTSBURGH® Paints Custom Colorants and refer to THE VOICE OF COLOR® electronic CD or formula book for tinting instructions.

5-105  
5-90Midtone Mixing Base  
White and Pastel Mixing Base**Recommended Uses**

Masonry  
Primed Metal  
Shelving  
Wallboard  
Wallpaper (without metallic design)  
Ceilings  
Wood Trim

**Features / Benefits**

Good Hiding  
Good Touch-Up Properties  
Smooth, Lo-Sheen Finish  
Good Flow & Leveling  
Easy Application

**Limitations of Use**

Apply when air, surface or product temperatures are above 50°F (10°C). Not recommended for use on floors. IMPORTANT: All oil based alkyd products change color with age. The yellow discoloration is most visible in white and light colors. PITTSBURGH® Paints latex products are recommended when yellowing is a concern.

**Product Data**

**Gloss:** Lo-Sheen: 25 to 35 (60°Gloss Meter)  
**VOC\*:** 3.05 lbs/gal (36.60 g/L)  
**DFT:** 1.70 minimum to 2.10 maximum mils  
**Coverage:** 400 to 500 sq. ft./gal. (37 to 46 sq. m/3.78L)

Note: Does not include loss due to varying application method, surface porosity, or mixing.

**Volume Solids\*:** 52.7% +/- 2.0%  
**Weight Solids\*:** 73.6% +/- 2.0%

**Viscosity:** 80 to 90 KU

**Weight/Gallon:** 11.6 lbs. (5.3 kg) +/- 0.2 lbs. (91 g)

**Cleanup\*:** Leptyne Paint Thinner 21-263

\*Product data calculated on product 5-90.

**Drying Time:**

To Touch: 5 hours  
To Handle: 8 hours  
To Recoat: 24 hours  
To Full Cure: 30 days

Dry Time @77°F (25°C); 50% relative humidity

**Flash Point:** 107°F, (42°C)

## Architectural Coatings

## SPEEDCRAFT® Interior Enamel Wall and Trim Lo-Sheen Oil

## General Surface Preparation

Surface to be painted must be clean, dry, smooth, and free from dirt, grease, powdery or peeling paint, and other surface contaminants. All cracks and other surface imperfections must be repaired using high quality patching compounds, then allowed to dry thoroughly. Repaired areas should be sanded smooth and then spot-primed. Slick or glossy surfaces of previously applied paint, in sound condition, must be dulled by sanding.

Prime all bare wood, plaster, masonry, metal, patched and porous surfaces with the appropriate primer.

**NEW WOOD:** New wood should be sanded smooth and wiped clean. Any knots or resinous areas should be sealed before painting. Countersink all nails. Putty flush with surface, then prime.

**NEW PLASTER:** Fresh plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

**CONCRETE BLOCK, CINDER BLOCK, VERTICAL MASONRY:** New concrete should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-base paint must be prepared with extra care. Such coatings must be completely removed for best results. If the coatings appear to be adhering tightly, a masonry sealer may be applied to seal the surface prior to topcoating. One way to check adhesion is by applying a piece of masking tape. If it peels off easily and has loose particles adhering to it, remove all the chalking or crumbling material before repainting.

**METAL:** Rust and other surface contaminants must be removed from ferrous metals, aluminum, copper, brass, and galvanized steel. Then the surface must be cleaned thoroughly to remove any dust.

**GALVANIZED STEEL:** Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment.

**WATER-SOLUBLE STAINS:** Apply SEAL-GRIP® Primer 17-21 or 17-31, over stained area prior to coating, to avoid bleeding of the stain into the topcoat.

## Recommended Primers

Wood	6-855, 6-6, 17-21
Galvanized Steel	6-209, 90-712
Concrete Masonry Units, Masonry (Block Fillers)	6-7, 6-12
Ferrous Metal	6-208, 6-212, 90-712
Aluminum	6-204, 90-712
Gypsum Wallboard-Drywall	6-2, 17-21
Plaster	6-603
Brass	6-204, 90-712
Copper	6-204, 90-712
Concrete, Masonry (Primers, Sealers)	6-603, 6-808

## Directions for Use

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, mix together (box) before applying. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

## Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 100°F	10 to 38°C

PPGAF believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.

## Application Information

## Recommended Spread Rates:

Wet Mills :	3.2 minimum to	4.0 maximum
Wet Microns:	81.3 minimum to	101.6 maximum
Dry Mills :	1.7 minimum to	2.1 maximum
Dry Microns:	43.2 minimum to	53.3 maximum

**Application Equipment:** Apply with a high quality brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat.

**Airless Spray:** Pressure 2000 psi, tip 0.017" - 0.021"

**Brush:** High Quality Natural Bristle Brush

**Roller:** 3/16" - 3/8" nap roller cover

## Thinning:

DO NOT THIN.

**Packaging:** 1-Gallon (3.78L)  
5-Gallon (18.9L)

Not all products are available in all sizes.



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Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

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