

**Architectural Coatings****REZ® Interior Acrylic Polyurethane Gloss Finish****Generic Type**

Acrylic Polyurethane

**Tinting and Base Information**

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

77-45                      Crystal Clear

**General Description**

Our premium acrylic polyurethane is formulated to meet the performance requirements of the residential and commercial markets. REZ® Interior Acrylic Polyurethane provides excellent resistance to abrasion and added protection against alcohol, water and most household chemicals and stains. May be used as a protective coating over previously painted and stained surfaces. Recommended for use on new or previously painted, stained or varnished interior wood surfaces, including low traffic floors.

**Recommended Uses**

Doors  
Floors  
Furniture  
Trim  
Wood

**Features / Benefits**

Durable, Gloss Finish  
Abrasion- and Scuff-Resistant  
Crystal Clear Appearance  
Excellent Adhesion  
Excellent Gloss Retention  
Easy Application  
Soap & Water Clean-Up

**Limitations of Use**

Apply when air, surface and product temperatures are above 50°F (10°C). Do not use on high traffic or commercial floors. Avoid traffic on floors for 24 hours. Care should be taken during the first week after application, especially when replacing furniture. Protect from freezing. Some surfaces coated with this product may become slippery when wet, exercise caution.

**Product Data**

**Gloss:** Gloss: 85 to 100 (60° Gloss Meter)  
**VOC\*:** 1.96 lbs/gal (235.00 g/L)  
**DFT:** 0.90 minimum to 1.10 maximum mils  
**Coverage:** 350 to 450 sq. ft./gal. (32 to 42 sq. m/3.78L)

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

**Volume Solids\*:** 24.5% +/- 2.0%

**Weight Solids\*:** 27% +/- 2.0%

**Viscosity:** 185 to 305 cps

**Weight/Gallon:** 8.5 lbs. (3.9 kg) +/- 0.2 lbs. (91 g)

**Cleanup\*:** Soap and Water

\*Product data calculated on product 77-45.

**Drying Time:**

To Touch: 1 hour  
To Handle: 3 hours  
To Recoat: 3 hours  
To Full Cure: 24 hours

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

**Flash Point:** 210°F, (98.9°C)

## Architectural Coatings

## REZ® Interior Acrylic Polyurethane Gloss Finish

## General Surface Preparation

Remove all loose and peeling paint, dirt, mildew, grease, and other surface contamination. Glossy surfaces must be dulled with sandpaper - do not use steel wool. Apply in thin even coats following the grain of the wood. Keep the leading edge "wet" and avoid working back into a partially dry area. Product will appear milky upon application, but will dry to a crystal clear, gloss or satin finish depending on product used. At least two coats are recommended over previously finished surfaces; three coats minimum are recommended on new or unfinished wood. Sand lightly with fine sandpaper between coats to insure a smooth finish. Do not use steel wool. If sandpaper gums when sanding, insufficient drying time has been allowed between coats.

**BARE WOOD:** Sand smooth with fine sandpaper following the grain of the wood. Do not apply over sealers containing silicones, wax, or stearates.

**OLD FINISHES:** Remove old coatings which are loose, chipping, peeling and in poor condition. Remove all old finishes which contain wax or stearates. Finishes in good condition must be sanded lightly with fine sandpaper until smooth before application of this coating.

## Recommended Primers

none

Refer to Surface Preparation Recommendations.

## Application Information

## Recommended Spread Rates:

Wet Mills :	3.6 minimum to	4.6 maximum
Wet Microns:	91.4 minimum to	117.0 maximum
Dry Mills :	0.9 minimum to	1.1 maximum
Dry Microns:	23.0 minimum to	28.0 maximum

**Application Equipment:** Apply with a high quality brush or spray equipment.

**Airless Spray:** Pressure 800 - 1000 psi, tip 0.011" - 0.017"

**Brush:** Polyester/Nylon Brush

**Roller:** Not Recommended.

**Thinning:**

Apply as received. If necessary, thin with a small amount of clean water.

## Directions for Use

Stir well but do not shake. 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 80°F	14 to 24°C
Ambient:	50 to 80°F	14 to 24°C
Substrate:	50 to 80°F	14 to 24°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.

**Packaging:** 1-Gallon (3.78L)  
Quart (946 mL)

Not all products are available in all sizes.



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**Bulletin: 77-45**

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

Rev. 3/2000