

**PITTSBURGH PAINTS**A new generation of paint company
for a new generation.**REZ®****77-45****Architectural Coatings****REZ® Interior Acrylic Polyurethane Gloss Finish****Generic Type****Tinting and Base Information**

Acrylic Polyurethane

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.

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.

Application Information

Recommended Spread Rates:

| | | | | |
|--------------|------|------------|-------|---------|
| Wet Mils : | 3.6 | minimum to | 4.6 | maximum |
| Wet Microns: | 91.4 | minimum to | 117.0 | maximum |
| Dry Mils : | 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.

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

Not all products are available in all sizes.



PITTSBURGH PAINTS
A new generation of paint company
for a new generation.

PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272

www.pittsburghpaints.com

Technical Services:
1-800-441-9695
Architect/Specifier:
1-888-774-7732
International Sales:
(412) 434-2049

PPG Coatings, Inc.
Coatings and Resins Group
5546 Timberlea Blvd.
Mississauga, Ontario L4W2T7
(905) 238-6441

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