

# Glass Bead Gel

## 000D359

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**Description**

Golden Paintworks® Glass Bead Gel is a clear acrylic product containing real glass beads that can be used to add accents of subtle, light reflecting sparkle. Use for contemporary accents, highlights and embellishments.

**Key Features**

- Reflective properties for a wide variety of visual effects.
- Water clean up
- VOC Compliant

**Packaging**

Available in Quart, Gallon and Five Gallon Containers.

**Surface Preparation** Surface must be clean, dry and free of dirt, oil, wax and grease. Remove any loose, flaking or chalking paint from the surface. Do not apply to slick or glossy surfaces. NOTE: Glass Bead Gel dries slowly and will pull tannins and other migrating materials from the substrate into the clear causing yellowing. This is especially important over luan, hardboard, cedar, redwood, etc. We recommend priming the substrate with a high-quality, **Stain-Blocking Primer** (Zinsser Cover-Stain) and allow to fully dry. Apply an even coat of **Glass Bead Undercoat** over the entire primed surface with a roller or trowel (see Glass Bead Undercoat TDS). Allow Undercoat to dry. Paint surface with any paint color or Metallic Paint color and allow to fully dry.

**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 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.

**APPLICATION:** For maximum clarity and strongest reflective properties, apply as a single layer of beads by spreading and floating the beads with a stainless steel or plastic trowel. Using the **Glass Bead Undercoat** will make spreading the Glass Beads much easier. **Note:** Heavy applications may remain cloudy and not completely clear.

- Stir contents before use.
- Trowel or brush apply in a single coat.
- Apply at temperatures between 50° F & 90° F.
- May be thinned with water, up to 10% by volume
- Test your technique on a practice board before applying to walls.
- For interior use.
- Roller and spray applications are not recommended.

**Remove masking tape before the Glass Bead Gel has dried.**

**Note:** It is very difficult to remove the Glass Bead Gel once it has been applied. Plan ahead and either apply the finish to strippable wallpaper liner or be advised that it may be necessary to skim over the finish with joint compound and resurface or strip the product from the surface to remove.

**Tools:**

- **Trowel:** Use a stainless steel or plastic trowel designed to apply decorative plasters.
- **Blade:** Use any size taping or flexible putty knife for application.
- **Brush:** Natural white bristle brush preferred.

**Stencils** – Apply Glass Bead Gel through a stencil in a single layer with a flat blade. Clean the stencil immediately after use with water.

**Coverage:**

Highly dependent on application technique and number of layers. Approx. 16 sq. ft. / gal. applied in a full coat by trowel. Approx. 100 sq. ft. /gal applied in a thin coat by brush.

**Dry Time:** @ 50% RH, 77° F: Touch 3-4 hours. Clear in 12-24 hours. Cold weather & high humidity will slow down cure time.

**Clean Up**

Clean your skin and equipment immediately after use with soap and warm water. Let excess product dry before adding to regular trash for disposal. Do not wash the beads down a sink.

**Storage**

- Store in a cool/dry location @ temperatures between 45° F & 95° F.
- Do not allow material to freeze or be exposed to temperatures exceeding 120° F for extended periods.

## Glass Bead Gel

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<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	12.19lbs
Specific Gravity	Calculated	1.46
Typical Weight Solids	Calculated	70%
Typical Volume Solids	Calculated	54%
Consistency/Appearance	Visual Observation	White Textural Paste
pH (initial)	pH Meter	8.7 – 9.3
Viscosity	Brookfield RVT	13,000–30,000 cP (spindle 7, 100 rpms)
Odor	Subjective	Slight ammonia
Gloss/Sheen	Glossmeter	NA (high gloss)
Base Polymer	Known	100% Acrylic
Flash Point	Closed Cup	None (water based)
Freeze/Thaw Stability	Lab Test	Pass: 5 Cycles
Shelf Life	Lab Test	Expect 2 Years @ 77° F
Storage Conditions	Recommendation	Cool/Dry, Avoid Freezing/Heat
Application Temperature	Recommendation	50° F to 90° F (best results)
Paintability	Recommendation	Excellent @ 4 – 6 hrs. drying
Application Thinner	Recommendation	Thins with water
Clean Up	Recommendation	Warm, soapy water
Coverage Per Gallon	Recommendation	Highly dependent on application technique and number of layers. Approx. 16sq.ft./gal.

### Environmental & Transportation Information

VOC: < 50 g/l  
Not RCRA Hazardous for disposal  
Not Dangerous Goods for shipping via any mode

**SEE SDS FOR ADDITIONAL INFORMATION**

### LIMITED WARRANTY

In the unlikely event of product failure, and determination by GOLDEN that product did not meet intended quality or published specifications, GOLDEN will, at its discretion, either replace the product or refund the purchase price as the customer's sole remedy. GOLDEN expressly disclaims liability for incidental and consequential damages, to the extent allowed by law.

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