

Glass Bead Undercoat

000D362

Technical Data Sheet – Page 1 of 2

Description

Golden Paintworks® Glass Bead Undercoat is a specialized texture that is applied underneath Glass Bead Gel and Glass Bead Gel XL to even out the spread of the beads. It allows a “Full Coat” application without a lot of skips and drags that is prevalent when applying Glass Bead Gels over a painted surface. Glass Bead Undercoat can also be used by itself when thinned with water for a rough “Plaster” finish. It is a slightly absorbent, white, opaque material that can be tinted from an off white to a mid-tone color by your paint store.

Key Features

- Great adhesion
- Ready to use or can be thinned up to 50% with water
- Compatible with most universal colorants.
- Thins easily for rolling applications
- Tintable for a wide range of colors up to a mid-tone
- May be top coated with any type of paint
- Water clean up
- VOC Compliant

Surface Preparation

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or cracked paint should be scraped and sanded to a smooth, sound surface (See warning below). Stains from water, smoke, ink, pencil, grease, etc. should be sealed with an appropriate sealer.

Important:

Luan, hardboard, cedar and other “bleeding” substrates should be sealed first with a “stain blocking” primer/ sealer (such as Zinsser Cover Stain) to avoid substrate induced discoloration after the Glass Bead Gel is applied. If the Glass Bead Undercoat is being used as a final finish, this is unnecessary.

If existing paint is in good condition, priming is not needed. If a surface is new, priming and painting with acrylic wall paint will provide the best, uniform surface for applying the Glass Bead Undercoat.

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:

- Stir contents before use.
- May be tinted with waterborne or Universal colorants (UTC), up to 10% by volume.
- If tinting, mix thoroughly with a drill and paddle mixer or similar mixing apparatus.
- Trowel, brush, roller or spray apply.
- Apply at room and surface temperatures between 50° F & 90° F.
- May be thinned with water, up to 50% by volume.
- Apply only to clean, dry, painted or primed surfaces.
- Allow a minimum of 3 to 4 hours drying time between coats.
- Test your technique on a practice board before applying to walls.
- For interior use.

Trowel application (recommended):

Thin Glass Bead Undercoat about 25% with water and stir thoroughly. Apply a full thin coat of material just above the level of the aggregate. This will allow smoothing out to avoid “chatter”. Do a final smoothing of the product before drying with the blade angle almost flat to the surface. Add more material to areas if needed. Let dry at least 3 hours. When fully dry, apply 1-2 coats of paint, as needed, in the desired base color for underneath the Glass Bead Gel. Metallic Paints look amazing.

Brush application:

Thin Glass Bead Undercoat with water up to 50% to increase brushability. Apply in two even coats. Let dry 3 hours. Apply a coat or two of paint as needed in the desired base color.

Roller application:

Thin Glass Bead Undercoat with water up to 50% and mix thoroughly. Pour into a pan or bucket with screen and use a ½” nap roller to apply the texture in an even manner. Let dry 3 hours. Apply a coat or two of paint as needed in the desired base color.

Tools:

Trowel: Use a trowel designed for decorative plaster applications.

Brush: No specific requirements for the type of brush.

Roller: A texture roller cover is suggested.

Coverage:

Highly dependent on application technique and number of layers. Approx. 75-150sq.ft./gal.

Dry Time: @ 50% RH, 77° F: Touch 1 hour. Recoat in 3-6 hours.

- Air movement and exchange will assist in proper drying.
- Cold weather & high humidity will slow down cure time.

Clean Up

Clean your skin and equipment immediately after use with soap and warm water. Consult with local authorities for methods of disposal.

Glass Bead Undercoat

Technical Data Sheet – Page 2 of 2

000D362

Storage

- Store in a cool/dry location at temperatures between 40° F & 90° F.
- Do not allow material to freeze or be exposed to temperatures exceeding 120° F for extended periods.

Packaging

Short-filled Quart, 29 fl. oz. / 857 ml
Short-filled Gallon, 116 fl. oz. / 3.43 L
Short-filled five Gallon, 580 fl. oz. / 17.15 L

Physical/Performance Property**Test Method****Typical Result**

Weight per Gallon (in lbs)	Gardner Cup	14.43
Specific Gravity	Calculated	1.73
Typical Weight Solids	Calculated	76%
Typical Volume Solids	Calculated	56%
Consistency/Appearance	Visual Observation	White textural paste
pH (initial)	pH Meter	8.7 – 9.3
Viscosity	Brookfield RVT	60,000–100,000 cP (spindle 7, 20 rpms)
Odor	Subjective	Slight ammonia
Gloss/Sheen (85 degrees)	Gloss Meter	< 4 (85 degrees)
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)
Paint-ability	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 substrate. Approx. 50-150sq.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.

TDS Number: TDSD362
Date of Issue: April 2019