



Technical Questions & Answers

by Nace Hentschell, Product Development and Technical Services Director

Several years ago in the late 1980s, I was running a large hardwood flooring crew. Always eager to get my hands on current technical information, I talked regularly with the technical department at our finish manufacturer, Glitsa American.

In 1996, they came out with a Q&A Sheet of common questions about Glitsa products. This was an absolute blessing for me! At the time, I was the “go to guy” for all the hardwood technical information for the salesmen, hardwood crews, builders and homeowners. I had heard the questions from the quiz before and the answers were familiar ones, but having a reference from the manufacturer was a great resource.

Years later, I still looked up answers on this sheet of paper. I thought it might be helpful to our loyal Glitsa users to reproduce this document. So here is the revised Glitsa Q&A. Some questions are the same. Some have been added with new, updated material. I hope this is as helpful to you as it was for me!

Q: Does Glitsa use UV blockers in our systems?

A: No. Glitsa does not use UV blockers in our systems, though GlitsaMax does have some inherent resistance to ambering under UV light exposure.

Q: Can I put Glitsa Gold Seal or Lite Scent over polyurethane?

A: No. Using Glitsa Gold Seal or Lite Scent over polyurethane may result in incompatibility issues. Depending on the poly used, you may encounter possible wrinkling, adhesion issues and/or poor durability.

Q: Can I put polyurethane over Glitsa Gold Seal or Lite Scent?

A: First, test for compatibility. More often than not, polyurethane will work over Glitsa Swedish (conversion varnish). It should be noted that you will not achieve equal look or durability characteristics as the complete Gold Seal System.

Q: I did a Gold Seal touch up from the same can as the topcoat. Why was the repair shiny?

A: The touch-up has not cured yet. It may need to be polished/buffed in with a cotton cloth or 600 – 800 grit abrasive and cotton cloth.

Q: Why do I need two solvent seal coats in a hybrid system?

A: Using two solvent seal coats in a hybrid system makes sure that the wood is sealed so the waterborne topcoat will not penetrate to the wood. This is especially important for photosensitive woods (i.e. Jatoba, etc...). If the waterborne finish penetrates down to the raw wood it can leave light colored blotches.

Q: What can I do to have more open time with Infinity II and GlitsaMax?

A: You can add water (4 – 6 ounces per gallon) to increase the open time in either Infinity II or GlitsaMax, if needed.

Q: What are the benefits of adding Infinity Pro-Link to Infinity II?

A: Adding Infinity Pro-Link improves early hardness and chemical resistance by 20%. Use Infinity Pro-Link for better scuff and scratch resistance. Another benefit is more open time.

Q: How long should I let solvent sealers dry before topcoating with Infinity II or GlitsaMax?

A: Let solvent sealers dry at least 24 hours before topcoating with Infinity II or GlitsaMax. Take environmental conditions into account (i.e., extreme temperatures and/or humidity) when assessing dry time.

GLITSA AMERICAN, INC.

A company you can trust. Finishes you can rely on.

(800) 527-8111 · www.glitsa.com

Q&A Technical Questions & Answers



Q: What can cause Gold Seal to wrinkle?

- A:**
- The sealer may not have been catalyzed properly. Putting in either too much or not enough catalyst may cause Gold Seal to wrinkle.
 - Putting Gold Seal over seal coat(s) that are not completely dry due to jobsite conditions, heavy coats, stain not dry, etc. could cause wrinkling.
 - Lack of ventilation during the seal coat could also cause the seal coat(s) to not completely dry.

Q: Can I add Infinity Pro-link to each coat of Infinity II?

A: To avoid tannin-pull or discoloration of the wood, we recommend putting Infinity Pro-Link in the **final topcoat of Infinity II only.**

System #1: When using three coats of Infinity II, add Infinity Pro-Link to the third (final) coat of Infinity II.

System #2: When using one coat of Quality Seal and two coats of Infinity II, add Infinity Pro-Link to the second (final) coat of Infinity II.

Q: What is best way to abrade Quality Seal?

A: Use a maroon conditioning pad. If necessary, add 240 grit sanding strips. We recommend moving quickly while abrading.

Q: What are the best environmental conditions in which to apply Glitsa Finishes?

A: All finishes are formulated to work best when applied at normal temperatures and humidity, usually 60°-70°F and around 50% RH. It is important to be aware of any extreme temperatures and humidity on jobsites, as these conditions may dictate longer dry/cure times for stains, sealers, and topcoats. We recommend acclimating the finish to the jobsite temperature. A good investment is an inexpensive hygrometer/thermometer, which provides an instant digital readout of both temperature and humidity.

Q: How do I avoid white lines on dark-stained floors?

A: We recommend the Gold Seal System for a floor with no traces of white lines. However, if you would like to use a waterborne finish, early testing shows

that Infinity II will break at a board joint and not stretch over a seam. Still, residual stress fractures on the edge of the board where the coat does break can appear as a semi-transparent line.

Q: Do I gently rock or stir all waterborne finishes?

A: No. The proper mixing procedures for Glitsa waterborne sealers and finishes are as follows:

- **Quality Seal** - Gently rock container, taking care not to shake vigorously to avoid creating excess bubbles or foam. Let container sit for 5 -10 minutes, to allow any bubbles or foam generated to dissipate before coating.
- **Infinity II** - Shake Infinity II for 15 seconds to ensure even distribution of flattening agents. Allow 10 -15 minutes for foam generated from shaking to dissipate before coating.
- **High Performance (HP)** - Shake Part A thoroughly for 30 seconds. Add Part B to Part A, recap, and immediately **shake contents aggressively for 30-45 seconds in an up-and-down motion.** Allow the finish/hardener mixture to stand for 10 - 15 minutes before use and see Filter Instructions on label.
- **GlitsaMax** - Shake Part A thoroughly for 30 seconds. Add Part B to Part A, recap, and immediately **shake contents aggressively for 30-45 seconds in an up-and-down motion.** Allow the finish/hardener mixture to stand for 10 - 15 minutes before use and see Filter Instructions on label.

Glitsa Tip: Save one or two empty HP or GlitsaMax containers. They come in handy when mixing less than a gallon of finish. ♦

