



# Specification Sheet

**DESCRIPTION:** Glitsa Infinity II is a one component, oil modified waterborne polyurethane floor finish. Infinity II is intended for use in residential applications where a warm, rich appearance is desired. This single pack wood floor finish has excellent flow, leveling and dry time. Infinity II does not require an additional crosslinker to achieve a scratch and scuff resistant finish with lasting durability. Infinity II depends on air oxidization to develop crosslinking.

### CHARACTERISTICS

<b>Cast:</b>	Clear
<b>Clarity:</b>	Translucent
<b>pH:</b>	8.0 – 8.7
<b>Solids Weight:</b>	29%
<b>Viscosity (#2 Zahn):</b>	28 – 32
<b>Pounds/Gallon:</b>	8.7 lb./gal
<b>Flashpoint:</b>	>200°F
<b>Leveling:</b>	Excellent
<b>Drying Time:</b>	@ 70°F, 50% Relative Humidity
	<b>Touch:</b> 1 – 1.5 hours
	<b>Recoat:</b> 3 – 5 hours
<b>Coverage:</b>	500 – 600 sq. ft. per gallon
<b>VOC:</b>	<350 grams per liter
<b>Sheens:</b>	Gloss      Semi-Gloss      Satin      Matte
	80            50 – 55            30 – 35            15 – 20

### APPLICATION

Three coats of Infinity II or one coat of TruSeal waterborne sealer and two coats of Infinity II are recommended to achieve a durable, scuff resistant finish. High humidity, or low temperatures will extend dry times. Make sure to have indirect ventilation while applying Infinity II. Glitsa recommends straining all waterborne finishes that have been stored in partially full containers.

- 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.
- Apply Infinity II by using a lightweight T-bar. Make sure to use a new, lightly water-dampened applicator.
- Start by pouring a 3"-5" puddle of Infinity II with the grain of the wood, from wall to wall. Using the snowplow method, pull Infinity II with the grain of the wood, from wall to wall.
- Use a cut-in pad or a T-bar to feather out turns.
- **Maintain a 3"-5" puddle at all times**, as this will help to ensure even coverage, and a uniform final appearance.
- When Infinity II has dried to the touch, ventilate premises, while maintaining temperatures of at least 60°F (15.6°C). Optimum air quality is achieved through aggressive ventilation.
- Allow Infinity II to dry 3-5 hours before additional coats are applied.
- Once dry, abrade with a conditioning pad and 180-240 grit or finer sanding strips.
- Vacuum carefully, and tack with a clean, water-dampened, Glitsa Tack Mop.
- For additional coats follow previous application instructions.
- Apply no more than two coats in a 24-hour period.

### SURFACE PREPARATION

#### Natural wood floors:

- Sand to 100-120 grit using NWFA approved methods.
- Screen with a 100-120 grit screen.
- Remove all sanding dust from the floor by thoroughly vacuuming and tack with a Glitsa Tack Mop.
- At this time a first coat of Infinity II or TruSeal waterborne sealer can be applied to the wood surface. See TruSeal directions for proper application and dry times.
- For a lighter look on maple or white oak floors use TruSeal.

#### Stained floors:

- Sand to 100 grit using NWFA approved methods.
- Screen with a 100-120 grit screen.
- Remove all sanding dust from the floor by thoroughly vacuuming and tacking with a dry Glitsa Tack Mop.
- Refer to directions on Glitsa Gold Seal Stains for application procedures and dry times. Coating a stained floor before stain is dry can result in finish failure.
- Wood tone stained floors can be sealed with Infinity II or TruSeal. See TruSeal directions for proper application and dry times.

#### Recoats over existing wood floors:

- Infinity II can be applied over a wide variety of floor coatings available on the market today. **It is the user's responsibility to determine compatibility, and adhesion qualities before use.**
- Best results are achieved by thoroughly cleaning the floor with a damp mop and Glitsa Clean Wood Floor Cleaner. See directions on Glitsa Clean Wood Floor Cleaner bottle.
- When floor has dried, abrade with a conditioning pad and 180-240 sanding strips. Care must be taken not to abrade too aggressively, as sanding scratches can show through the final film.
- Thoroughly vacuum and tack the floor with a Glitsa Tack Mop dampened with water.
- Glitsa Infinity II can now be applied.

### MAINTENANCE

- To keep Infinity II looking its best, prevent dirt (grit) build up on the floor.
- Use walk-off mats in high traffic areas and periodically dust mop with a Glitsa Maintenance Mop as needed.
- When deep cleaning is necessary, use Glitsa Clean Wood Floor Cleaner.
- Use Safeglide<sup>®</sup> felt floor protectors on your furniture.
- When Infinity II begins to show wear, or when recommended cleaning procedure fails to clean the floor, recoating may be necessary.

**STORAGE:** Freeze thaw stable. Store above 32 degrees F. If the product should freeze, allow to thaw completely and stir well before using.

**SHELF LIFE:** One year in unopened container.

**DISPOSAL:** Dispose of unused contents in accordance with local, state and federal regulations.

**CONTENTS:** Water, polyurethane resin, N-Methyl-Pyrrolidone, Dipropylene Glycol Monomethyl Ether, and performance additives.



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