

# Gameline Application Instructions for KrystalKote™ Polyurethane Coating

## SURFACE PREPARATION

Refer to the **KrystalKote™ Data Sheet** for product preparation prior to application.

- 1.) The surface to be striped or coated must be completely clean of all contaminants prior to application: including factory release agent, oil, grease, dust, powder, water, etc. Refer to manufacturer's instructions on chemically stripping and scrubbing PVC-topped vinyl sheeting.
- 2.) It is mandatory to allow adequate time for water evaporation following factory prescribed machine-scrubbing, or wet-mopping, as **KrystalKote™** is NOT moisture-tolerant.
- 3.) Use a clean, electrostatic dust-mop to remove lint and other particulate material.
- 4.) Spot cleaning with isopropyl alcohol should remove light oils and greases, such as hand prints and body oils. Solvents, or non-toxic, bio-degradable cleaners (i.e. **GT-1000™**) may be required for removing heavier contaminants, such as gum, adhesives, tar, permanent markers, correction fluids, etc., followed by an alcohol wipe-down.
- 5.) Apply masking tape to properly outline striping to be applied. Leave no foreign material within area to be coated. Firmly press edges of masking tape to flooring to insure razor-sharp stripes. To protect adjacent flooring from over-spray or roller-splatter, place additional masking paper as required. Clean steel-wheel or cylinder rolling may be required to fully seat inner edge of masking tape to flooring.
- 6.) Use an isopropyl alcohol-dampened, lint-free cloth, to carefully wipe down area to be coated between masking tape.

On textured surfaces, such as Lonwood Dakota or Performa, a thin, narrow clear coat of @ 3- to 4-mil WFT of **KrystalKote™ Gloss, Clear or Satin, Clear** may be quickly roll- or brush applied over the inner borders of the parallel tapes. This "tape-sealing" application will prevent color bleeding under the tape when the tinted gamelines are applied. This clear coat need only be "tack-dry" before normal application of **KrystalKote™ tinted** gamelines. Due to the high-solids content and thick viscosity of **KrystalKote™**, the use of a "tape-sealing" clear coat may not be necessary for most colors. For gameline roller-application, thinning is NOT recommended for **KrystalKote™**.

**COVERAGE: KrystalKote™ Gloss, custom** has a practical coverage of: approx. 850 sq.ft./gal at 1-mil DFT; approx. 212 sq.ft./gal at 4-mil DFT. In actual sports court **GAMELINE** application, allowing 25% over-roll and/or over-spray, this projects to:

2"-wide x 950-feet linear per gallon (240-feet linear/qt) at **4-mil DFT** in a single application by either  $\frac{3}{8}$ -inch woven phenolic-core roller, or spray (5-mil WFT x 85%); and

2"-wide x 475-feet linear per gallon (120-feet linear/qt) at **8-mil DFT** in a two coat application by either  $\frac{3}{8}$ -inch woven phenolic-core roller, or spray (5-mil WFT x 85%)

**KrystalKote™** and **FloorKote-30™** are registered trademarks of:

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Gameline Application Instructions for  
**KrystalKote™** Polyurethane Coating  
(continued)

**APPLICATION: GAMESINES** and other designs to **Vinyl Sheet Flooring**

*FULLY READ ALL INSTRUCTIONS BEFORE MIXING*

Equipment & materials required:

"Wet Film Thickness" (WFT) gauge;

Short-napped ( $\frac{3}{8}$ -inch) woven, **phenolic-core**, narrow rollers @ 2 to 2½-inch wide (which may be cut down from 9-inch, 4-inch, or 3-inch rollers);

Narrow roller pans;

1-inch to 2-inch wide, high-quality masking tape;

12-inch, or wider, adhesive-edges masking paper (splatter-guard outside of masking tape);

Methyl Ethyl Ketone (M.E.K.) as thinning solvent, if needed;

Lacquer Thinner or M.E.K. as cleaning solvent.

On textured surfaces, such as Lonwood Dakota or Performa, a thin, narrow "tape-sealing" clear coat of @ 3- to 4-mil WFT of **KrystalKote™ Gloss, Clear**, may be quickly roll- or brush-applied to the inner borders of the parallel tapes. See notes on page one: *Surface preparation*.

- 1.) Thoroughly mix clear **KrystalKote™ Curing Agent** into tinted **KrystalKote™ Base Compound** until uniform, as outlined on *Base label* and **KrystalKote™ Data Sheet**.
- 2.) Pour manageable amount of mixed **KrystalKote™** into roller pan, and moderately coat roller.
- 3.) Roll coated roller between masking tape borders. Use multiple passes to avoid overly thick application of **KrystalKote™** material. Optimum WFT is between 4- to 6-mils.
- 4.) Frequently check wet coating thickness with WFT Gauge: 6-mil WFT will cure to @ 5-mil DFT; 5-mil WFT will cure to @ 4.25-mil DFT; 4-mil WFT will cure to @ 3.5-mil DFT.
- 5.) Check surface finish to be free of roller nap-pattern. Lightly draw a narrow finishing brush down newly rolled gameline to eliminate any nap-pattern. OR, for excessively thick **KrystalKote™**, up to 10% M.E.K. may be added to increase surface flow to eliminate nap-pattern, but will cure to slightly thinner DFT. Use caution to prevent a transparently thin coating of white, yellow, etc.
- 6.) Complete individual colors as quickly as possible to insure uniform finish appearance.
- 7.) DO NOT re-roll over drying **KrystalKote™**, as roller may lift partially-cured coat from flooring. If second application is required, wait until first coat is "tack dry" (sticky-to-touch, but no coating left on finger).
- 8.) Wait at least 24-hours before pulling tape from cured coating. Always pull tape 90° from cured coating and parallel to floor to assure razor sharp edges. (OR, immediately remove masking tape from flooring while newly applied gameline is still very wet. Do not allow wet masking tape to touch flooring. Roll wet tape around small box, or ball of newspaper.)
- 9.) For painting intersecting colored lines, allow 48-hours before applying tape to recently painted stripe. Or, another color gameline may be hand-painted across first gameline, only after first line is "dry-to-touch").
- 10.) A wall-to-wall, multiple coat application of an acrylic "wearcoat", such as **FloorKote-30™** should be accomplished after at least 72-hours of tinted gameline application.
- 11.) After last coat acrylic wearcoat application, allow at least 2-hours before "light foot traffic"; and at least 8-hours at 75°F before resuming normal use. Double time for every 10°F below 75°F.