



**POLYASPARTIC**  
**RAPID CAST™ CHIP FLOOR** **SYSTEMS**

**SUREFKOAT**

[WWW.SUREFKOAT.COM](http://WWW.SUREFKOAT.COM)

## For Full Coverage Rapid Cast™ System

**Surface Preparation:** If cracks are present, fill with SurfKoat's Rapid Set 100™ (see Rapid Set 100™ technical data for further instruction). Mechanically grind or chemically etch surface to a CSP 2 profile. See PolyKoat GL 80 technical data for detailed surface preparation instructions.

**Prime and Broadcast:** (for a clear primer coat leave out Polypack)

A) For a gallon of coating, mix 9 ounces of Polypack color to one half (½) gallon of Part A PolyKoat GL 80, stir gently for 1-2 minutes with a drill mixer. Then add one half (½) gallon of Part B PolyKoat GL 80 and mix for 1-2 minutes with a drill mixer until thoroughly mixed.

Please note that for extremely porous floors, an additional prime coat may be necessary to ensure proper adhesion of chips as well as coating. Also, a common practice on any application is to prime the floor with an initial tinted coat then, after adequate cure time, apply a second layer of clear PolyKoat GL 80 to cast the chips in. It has been noticed that this additional step has reduced the chances of the chips soaking up the color as well as creating a superior bond to the concrete.

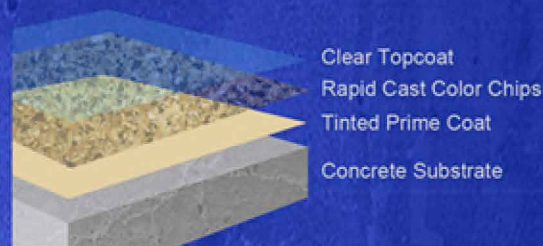
B) Lay out the mixed PolyKoat GL 80 with a roller or squeegee at approximately 250 sq. ft. per gallon and cast vinyl chips into the prime coat at an approximate rate of 5-7 sq. ft. per pound, completely covering the floor, immediately after applying the prime coat.

Note: Be sure to cast the chips into the prime coat just after the coating has been applied and wet to ensure chip adhesion to the prime coat. It would prove beneficial to have a second person to cast chips if the given area is larger than 500 sq. ft.

C) After approximately 2 - 2½ hours, or until coating is thoroughly cured, use a broom and/or small leaf blower to remove all the loose chip from the surface of the floor. These chip can be saved for further use.

D) Use a flat scraper at a 15-30 degree angle to shave the top of the floor lightly to remove any high edges of the cast chips.

E) Sweep and/or vacuum loose chips off the surface. These chips are to be thrown away.



Please note that many users may apply a secondary base coat of clear to obtain optimum adhesion of the coating as well as the chips, especially on extremely porous substrates.

### Topcoat:

A) Apply a clear topcoat of PolyKoat GL 80 with a roller using a cross-roll technique or a squeegee and a back-roll technique at a rate of 175 - 225 sq. ft. per gallon. (If desired, apply a secondary topcoat of PolyKoat GL 80 after 2 - 2½ hours.)

**Note:** Cured system may be slippery. An anti-slip additive such as Surf-Grip may be added to the final topcoat to reduce slip hazards.

### Technical Data:

Coverage Rate: 250-300 sq. ft. per gallon

Mix Ratio: 1(A) to 1(B)

VOC: <250 g/L (Also Available in Low VOC Formula)

Pot Life: 25-30 minutes

Solids: 80%

Cure Time: 2-3 hours

Re-Coat Time: 2-3 Hours

Foot Traffic: 3-4 Hours

Wheel Traffic: 24 Hours

Please see PolyKoat GL 80 tech data for full technical information prior to use.

**Safety Data:** Refer to PolyKoat GL 80 msds for all safety and hazard information prior to use.

## For Light Coverage Rapid Cast™ System

When using a partial coverage technique, follow full coverage instructions, replacing PolyKoat GL 80 with PolyKoat GL 80 *Slow Cure* and keep a wet edge to ensure uniform color, and cast chips sporadically until desired look is achieved. Top coat with clear PolyKoat GL 80.

Please refer to PolyKoat GL 80 *Slow Cure* tech data for technical information prior to use.

It is suggested to test the tinted coat prior to full application to ensure acceptable hide and desired color finish.

# SURFKOAT

Surface Koatings, Inc. • 134 Davis Street • Portland, TN 37148 • United States of America

PH: (615) 323-9461 • FAX: (615) 323-9816 • www.SURFKOAT.com