



**SUPER LOW ODOR
OPTION AVAILABLE**

RAPIDCAST™ POLYASPARTIC CHIP FLOOR

for residential garages, commercial shops and industrial warehouses.



RAPIDCAST™ CHIP FLOOR

RAPIDCAST is the quick and easy way to obtain a gorgeous and extremely durable floor in a fraction of the time of other systems. It's the ideal choice of contractors for saving time and labor while providing a unique and attractive floor covering for clients. RAPIDCAST is perfect for residential garages, commercial shops & industrial warehouses.



AN INCREDIBLY FAST HARD SETTING CRACK FILLER.

Rapid Set 100™ is an innovative way to fill cracks, joints and spalls in concrete prior to the prime coat stage of the Rapid Cast™ System. Rapid Set 100™ is simple to use and sets up fast so you can GET THE JOB DONE.



RAPID SET 100 Fill. Set. Grind.

Virtually no down time allows the user to offer the fastest return to service. Works well even in cooler climate applications and the ultra low viscosity formula allows for easy application.

Combine with sand to fill larger cracks!



You'll be ready to go by the time you remember
where you left the grinder.

POLYKOAT GL 80

Solvent Based Polyaspartic Polyurea - 80% Solids Content

- Excellent long term wear capabilities allow for longer life without re-coating.
- Quick dry time provides unmatched labor saving capabilities above epoxies and other polyurethanes.
- UV stability allows this to be used on interior concrete saturated by the sun throughout the day.
- VOC compliant formulas available for all areas in the United States and Canada.
- Can be tinted for solid color applications with *SurfKoat's Kolour Koat PolyPack™*.
- Excellent for use in high traffic areas.

Ready. Set. DONE.

RAPIDCAST™ CHIP FLOOR



POLYKOAT GL 70 - 400 VOC 70% SOLIDS
POLYKOAT GL 70 - 250 VOC 70% SOLIDS
POLYKOAT GL 80 - 80% SOLIDS
POLYKOAT GL 80 - SLOW CURE 80% SOLIDS
POLYKOAT GL 90 LOW ODOR LVLP - 90% SOLIDS
POLYKOAT GL 100 - 100% SOLIDS*
POLYKOAT GL 100 - SLOW CURE 100% SOLIDS*

*PolyKoat GL 100 formulas are Inherently low odor



POLYKOAT GL 80

High Gloss & Fast Curing Two Component - 1:1 Mix Ratio

PolyKoat GL 80 is a stand above all, two component polyaspartic aliphatic polyurea utilizing innovative proprietary nanotechnology. It provides a high gloss clear coating. Its superior penetration and bonding strength can provide years of abrasion, impact, and wear resistance. PolyKoat GL yields chemical splash and spill resistance and hot tire pick-up resistance much like its epoxy counterpart.

Solvent Based Polyaspartic Polyurea - 90% Solids Content

- Low Odor and low viscosity
- Longer Pot Life
- Excellent long term wear capabilities allow for longer life without re-coating.
- Quick dry time provides unmatched labor saving capabilities above epoxies and other polyurethanes.
- UV stability allows this to be used on interior concrete saturated by the sun throughout the day.
- VOC compliant formulas available for all areas in the United States and Canada.
- Can be tinted for solid color applications with *SurfKoat's Kolour Koat PolyPack™*.
- Excellent for use in high traffic areas.

POLYKOAT GL 90 LVLP

High Gloss & Fast Curing
Two Component - 1:1 Mix Ratio



PolyKoat GL 90 Low Odor LVLP is a super low odor polyaspartic polyurea ideal for spaces where time and odor is of great concern. PolyKoat GL 90 Low Odor LVLP utilizes a special blend of low odor solvents to create a unique coating with low viscosity, a long pot life and a fast return to service. PolyKoat GL 90 Low Odor LVLP provides a high gloss clear coating and its superior penetration and bonding strength can provide years of abrasion, impact, and wear resistance.

Super low odor formula provides a pleasant work environment for contractors, clients and neighbors.



RAPID CAST CHIPS

You Control the way the floor looks. A light cast, full cast, sporadic cast but always a RAPID CAST.

Use the **Rapid** Cast chip floor system to coordinate your floors with any decor. Our 8 flake color styles and 2 size options, combined with our 14 base colors, give you the ability to choose one of our highly sought after looks, or the opportunity to mix and match to create your own!

Ready. Set. DONE.

Let the Chips fall where they may...

A vinyl chip (flake) floor can be cast in many different ways depending upon the customer's preference. Use a full coverage technique to cover the entire floor or sporadically cast the chips into the air to obtain a solid color floor with pops of color where you desire.

STANDARD BLEND OPTIONS

1/4 inch Chips

1/16 inch Chips

Domino

(Suggested Base Coat - White)

Comet

(Suggested Base Coat - Light Gray)

Shoreline

(Suggested Base Coat - Sun Buff)

Stone Henge

(Suggested Base Coat - Light Gray)

Saddle Tan

(Suggested Base Coat - Sun Buff)

Snowfall

(Suggested Base Coat - Light Gray)

Creek Bed

(Suggested Base Coat - Buff)

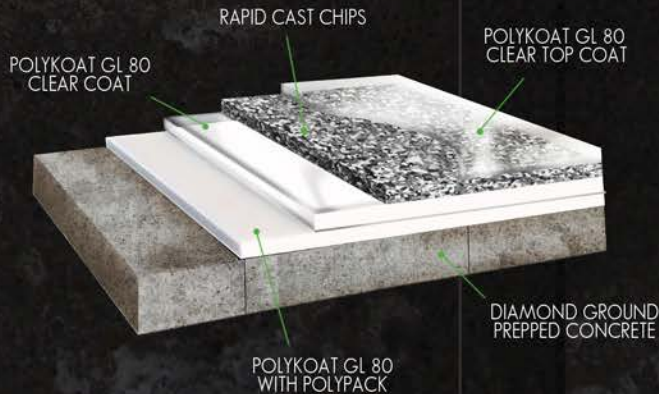
Night Fall

(Suggested Base Coat - Medium Gray)

Feed the chickens.

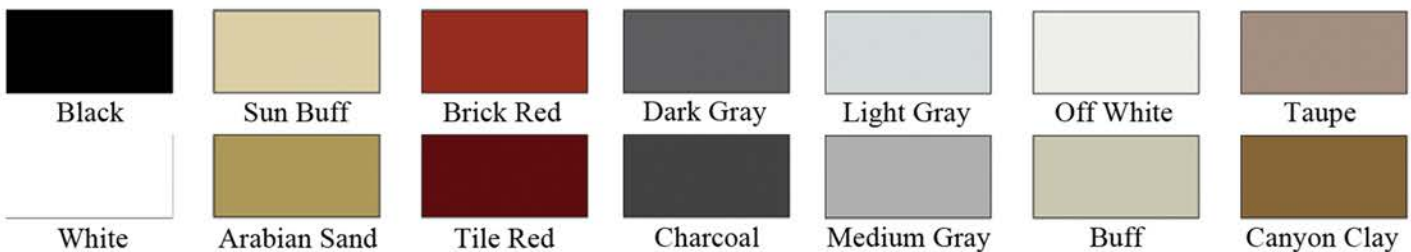


Solvent Based Polyaspartic Polyurea Color Pack Easily Mixes into PolyKoat GL (Part-A)



Kolour Koat PolyPack A high solids, concentrated, solvent based tint system specially formulated for PolyKoat GL polyaspartic polyurea. Formulated with high quality, ultra fine particle pigments that easily disperse in PolyKoat GL. PolyPack is the superior choice for a solid color base coat in the **RAPID CAST** System.

14 PolyPack color options



*Color examples only. Use only the actual Koloour Koat color card for accurate color representation.

Perfect colors for the **Rapid Cast Chip Floor System**
or as a stand alone solid color polyaspartic floor.



Application Instructions For Full Coverage Rapid Cast™ System



****Replace PolyKoat GL 80 with PolyKoat GL 90 Low Odor LVLP for a SUPER Low Odor Option!***

Surface Preparation: If cracks are present, fill with SurfKoa's Rapid Set 100™ (see Rapid Set 100™ technical data for further instruction). Mechanically grind or chemically etch surface to a CSP2 profile. See PolyKoat GL 80 technical data for detailed surface preparation instructions.

Please note that for extremely porous floors, an additional prime coat may be necessary to ensure proper adhesion of chips as well as coating. Therefore, a common practice is to prime the floor with an initial coat of PolyKoat GL 80 with Polypack, then after 2-6 hrs apply a second layer of clear PolyKoat GL 80 to cast the chips into.

On floors with apparent moisture vapor present in the slab, **MVB 100** is suggested as a moisture vapor suppressant on a CSP3 prepped floor. This layer can be used as the color layer, utilizing one Epo Pack per 3 gallon kit. After a 12-14 hr cure time of MVB 100, a clear coat of PolyKoat GL 80 would be applied to cast chips into.

For a gallon of coating, mix 8 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.

For a clear coat combine one half (½) gallon of Part A PolyKoat GL 80 with one half (½) gallon of Part B PolyKoat GL 80 and mix for 1-2 minutes with a drill mixer until thoroughly mixed.

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

Note: Chips must be cast into the prime coat IMMEDIATELY after the coating has been applied and wet to ensure chip adhesion. It is strongly recommended to have a second person to cast chips as the coating is being applied.

After approximately 2 - 6 hours, at 70 degrees F 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.

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.

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

Topcoat: Apply a clear topcoat of PolyKoat GL 80 with a roller or a squeegee, then back-roll at a rate of 175 - 225 sq. ft. per gallon. (If desired, apply a secondary topcoat of PolyKoat GL 80 after 2 - 24 hours.)

Note: Cured system may be slippery. Surf-Grip anti-slip additive may be added at a rate of 4oz per mixed gallon and applied with a roller to the final topcoat to reduce slip hazards.

*When using PolyKoat GL 90 Low Odor LVLP in place of PolyKoat GL 80, adjust scraping, re-coat and traffic times accordingly.

POLYKOAT GL 80 Technical Data:

Typical Coverage Rate: 250-300 sq. ft. per gallon
Mix Ratio: 1(A) to 1(B)
VOC: <400 g/L

Pot Life: 25-30 minutes
Solids: 80%
Cure Time: 2-3 hours

Re-Coat Time: 2-18 Hours
Foot Traffic: 3-4 Hours
Wheel Traffic: 24 Hours

POLYKOAT GL 90 LOW ODOR LVLP Technical Data:

Typical Coverage Rate: 250-300 sq. ft. per gallon
Mix Ratio: 1(A) to 1(B)
VOC: <5 g/L

Pot Life: 40-45 minutes
Solids: 90%
Cure Time: 3-5 hours

Re-Coat Time: 2-18 Hours
Foot Traffic: 4-8 Hours
Wheel Traffic: 24-48 Hours

Please see tech data sheet for full technical information prior to use.
Safety Data: Refer to SDS 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, replace PolyKoat GL 80 with PolyKoat GL 80 Slow Cure or PolyKoat GL 90 Low Odor LVLP. During application, 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 & SDS for technical and safety information prior to use.
It is suggested to test the Polypack tinted coat prior to full application to ensure acceptable hide and desired color finish.

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