ACC 75 Aliphatic Polyaspartic

USGBC Leed, EQ Credit 4: Low – Emitting VOC Compliant Materials

Product Description -

ADVACOAT ACC 75 Aliphatic Polyaspartic is a 75% solids solvent based aliphatic polyurea polyaspartic floor coating. ACC 75 Aliphatic Polyaspartic displays slight odors and is very moisture insensitive. This product has been specifically formulated as a topcoat for existing epoxy floors or as a standalone floor coating with excellent color and UV stability.

ACC 75 Aliphatic Polyaspartic can be applied in temperatures as low as –20˚F. When fully cured, ACC 75 will produce a highly abrasion and wear resistant, high-gloss, smooth finish.

Uses -

ACC 75 Aliphatic Polyaspartic adheres extremely well to properly prepared concrete substrates. The high tensile strength, and elongation of this coating allows this product to better withstand the abuse of industrial equipment, steel-wheeled carts, and forklifts with minimal effect. The excellent chemical resistance is well suited for some harsh applications.

ACC 75 is a versatile product for many system applications. Using consecutive coats while incorporating broadcast material or without, will produce durable, functional and decorative coating systems with little chance of inter-coat delamination.

Advantages -

- Fast Cure Times
- Low Moisture Sensitivity
- High Tensile Strength
- Color Stable
- Adheres well to Most Substrates
- Low Odor
- Excellent UV Stability
- Cures in as low as –20˚F
- High Gloss Finish
- USDA, FSIS and CFIA Acceptable
- Adds New Life to Epoxy Floors
- Zero VOC's
- Spray, Roll or Brush Application

Ideal Applications -

- Cold Storage Areas
- Industrial Warehouses
- Food Processing Areas
- Automobile Dealerships
- Pulp and Paper Mills
- Chemical Plants
- Aircraft Hangars
- Garage Floors
- Patios
- Walkways
- Driveway
- Show Rooms

Limitations-

Requires dry substrate. ACC 75 should not be applied to concrete substrates that show high levels of moisture vapor transmission (See 'Preparation' or 'Inspection' sections). Although ACC 75 Polyurea Polyaspartic can be applied at any thickness, limitations may apply when taking into consideration curing times. A thicker film build will have a longer curing time than a thin film. This product may dry extremely fast in high humidity. Although coating will cure in very low temperatures, keeping product stored at room temperature will make application easier, and dry times shorter. Contact Advantage Chemical Coatings for any further information regarding 'Limitations'.

Surface Preparation -

This product requires a dry substrate. Any moisture vapor transmission test revealing over 3.5 pounds per 1000 feet/24 Hours requires a moisture barrier system installed prior to using this product.

Concrete Substrate: A profile of CSP 2 is recommended for most system applications using ACC 75. Due to the low viscosity, this product is self priming. Ensure the substrate is free of contaminants, and the pores are open to allow ACC 75 to penetrate the surface. Shot blasting is not required for proper adhesion. As some coating systems using ACC 75 are thin mil, shot blasting may produce excessive texture to substrate which may show through the coating. Broadcast systems may benefit from CSP 3, but is not required.

Over Epoxy: ACC 75 may be applied over existing, or new epoxy coatings. Read epoxy manufacturers technical data sheet on recoat windows for proper adhesion to new epoxy coatings. Typically, any epoxy coating that has been applied, and let dry over 18 hours should be sanded with a floor machine, using 80 grit sanding screens. Epoxy coating should have sheen removed, and 100% of surface scuffed and profiled. A mechanical bond to a sanded profile is required, but also the pores of the existing coating should be opened for ACC 75 to have the best adhesion. Wiping properly prepared surface with denatured alcohol will ensure no loose dust particles from the sanding process are present. **ACC 75 should NOT be applied over polyurethane or acrylic coatings.**

Surface Inspection-

This product requires a dry substrate. Concrete substrates should be clean, dry and free of grease, oil, paint, curing agents or any contaminants that may inhibit proper adhesion of coating.. Concrete should be cured at least 28 days before applying coating system.

Proper testing procedures should be practiced in regards to alkalinity and moisture vapor transmission. A pH reading should be taken to ensure concrete is neutral, and has a reading between 5 and 9 using a pH paper test. Any testing can only give a snapshot in time of results, meaning future readings may be different. Long term results may vary.

Moisture vapor transmission is a major cause of coating failure. Using a calcium chloride test to find the vapor emission rate of the concrete substrate gives a reading for the 72 hour period. Follow procedures of calcium chloride test manufacturer for accurate results. Readings of 3.5 lbs/1000 square feet during a 24 hour period are acceptable for applying coatings. Higher results should receive a moisture mitigation system. Contact Advantage Chemical Coatings for more details. Testing procedures are the responsibility of the coatings applicator.

Coverage Rates -

Theoretical Square Feet Per Gallon

Mils	5	10	15	20	30
	320	160	120	80	60

Note: 1604 mil inches per gallon. Totally dependent on substrate texture and condition.
Using ACC 75 as a roll on application will typically yield square footage spread rates of 200 - 375 square feet per gallon.

Packaging -

- 6 Gallon Kit: 3 gallons of 'A' side and 3 gallons of 'B' side.
- 3 Gallon Kit: 1.5 gallons of 'A' side and 1.5 gallons of 'B' side.
- 10 Gallon Kit : 5 gallons of 'A' side and 5 gallons of 'B' side.
- 55 Gallon Drum Kits Available

Shelf Life -

One year, in original, unopened factory containers, under normal storage conditions of 55˚F to 95˚F.

Colors -

Basic colors from ADVACOAT solid Color Chart as standard colors. Tan, Cantilever Tan, Ostrich feather, Dark Gray, Light Gray, Black, Yellow, White, Tile Red and Mocha.

Custom tinting on request. Consult Advantage Chemical Coatings. Two week turn around time is required, although not standard.

Mixing -

Before application, Pre mix A side and B side separately in their individual containers.

Clear - Mixing ratio is **1 Part A to 1 Part B**. Measure equal parts of "A-Side" and "B-Side" and pour into a separate container with sufficient space to mix without spilling. Mix thoroughly by hand with stir stick for two minutes until product becomes clear. Be sure to scrape sides and bottom of mixing container so no unmixed material remains.

Pigment - When mixing in pigment, add equal part A into equal part B, stir, add 10 oz. of ADVACOAT pigment into mixed product, and mix thoroughly until consistent color is attained.

Thinning - If desired add in 5% to 10% MEK or acetone to thin, and stir. Always use stir stick and scrape sides and bottom of mixing container.

Drill Mixing - Do not use drill mixer. Drill mixing this product will 'whip' air into product, which may entrap air bubbles into coating film, or cause product to fire off faster. Always mix ACC 75 with stir stick.

Clean Up -

Cured product may be disposed of without restriction. Excess liquid 'A' and 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

Application -

ACC 75 Aliphatic Polyaspartic adheres well to several sound substrates including concrete, steel, and wood. All surfaces should be free of loose particles, rust, voids and spalls. For any concrete repairs, refer to Advacoat's ACC 101 Quick Patch product data sheet.

It is recommended that this product be applied in a multi-directional (north-south, east- west) motion to ensure proper coating thickness. ACC 75 Aliphatic Polyaspartic should be roller or squeegee applied 4 to 20 mils thickness per coat, depending on system requirements (See Advacoat's system specification sheets). There is no thickness limitation for ACC 75 Aliphatic Polyaspartic, however, to achieve proper air release and dry times, system guidelines should be followed.

An 80% to 100% solids (non-glossy) epoxy, solvent-based isocyanate or water dispersible isocyanate (for concrete only) are acceptable primers for ACC 75 Aliphatic Polyaspartic. Note: Some epoxy primers require the use of MEK as a wipe-down solvent (due to the build-up of active hydrogen or amine blush on the surface) prior to the application of ACC 75 Aliphatic Polyaspartic.

Top Coating: ACC 75 Aliphatic Polyaspartic may be top-coated after it has become tack free. Do not recoat without sanding prior coating of ACC 75 after 8 hours cure.

Repairs: Simply brushing on ACC 75 can make small repairs to cuts in the coating. This material can be brushed on the surface after light scuffing, although repairs may be seen.

Maintenance -

ACC 75 Aliphatic Polyaspartic can be over coated with a floor finish product as a sacrificial maintenance coat. This is highly recommended to extend the coating life expectancy in high foot traffic commercial settings, but not including industrial environments or areas that will receive any vehicle traffic. ACC 75 may be re coated at any time as long as proper surface preparation guidelines are followed. Applying a new clear coat of ACC 75 over coating systems, will typically bring the coating 'back to life'. Sanding pigmented coating systems and re coating with ACC 75 will typically 're-color' the coating without any variations in color.

Technical Services -

Sales and Customer Support 1-877-830-2628, or contact your local sales representative or distributor. Visit www.Advacoat.com for any relative information on products.

Warranty -

ADVACOAT will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.

Physical Properties -

Cured Film Properties	Test Method	Typical Value
Shore Hardness	ASTM D2240	60-65D
Elongation	ASTM D638	26%
Tensile Strength, psi	ASTM D638	3500-4000 Psi
Tear Strength, pli, Die C	ASTM D624	570
Taber Abrasion, mg loss. CM 17	ASTM D4060	39
Gloss, 60 Spec	ASTM D523	90+
Working Time (77˚F)		15 Minutes
Tack Free		1 Hour
Walk On		3-5 Hours
Return to Use		16-24 Hours

Chemical Resistance -

ASTM D3912 - Modified 21 day immersion exposure

The information in this chart is intended only as a guide. This information has been compiled from various sources believed to be reliable. To verify compatibility or suitability of this product in specific applications, the product should be tested under the specific service conditions. The ratings are for resistance at 77˚ F unless otherwise noted. Recommended Conditional means there will be some effect: swelling, discoloration, cracking. Wash down within one hour of spillage to avoid effects.

R = Recommended

RC = Recommended/Conditional

NR = Not Recommended

Test Media:	Result:	Test Media:	Result:
Acetic Acid, 100%	NR	Motor Oil	R
Acetone	RC	MTBE	RC
Ammonium Hydroxide, 20%	R	MTBE (5%)/gasoline	RC
Antifreeze/Water	RC	Muriatic Acid (10% HCL)	R
Brake Fluid (DOT 3)	RC	NaCl (10%)/water	R
Clorox 10%/water	RC	Phosphoric Acid (10%)	R
Diesel Fuel	R	Potassium Hydroxide (10%)	R
Gasoline	R	Skydrol	RC
Hydrochloric Acid (10%)	RC	Sodium Hydroxide (50%)	R
Hydrofluoric Acid (10%)	RC	Sodium Bicarbonate	R
Hydraulic Fluid	RC	Sugar/Water	R
Isopropyl Alcohol	R	Sulfuric Acid (10%)	R
Lactic Acid	R	Sulfuric Acid (50%)	RC
MEK	RC	Toluene	R
Methanol	RC	Vinegar (5%)/water	R
		Water (180o F)	R

ADVANTAGE
CHEMICAL COATINGS

Phone 1.877.830.COAT

Local 480.888.2628

Fax 480.502.9071

www.Advacoat.com

Colors may not be exact due to limitations in the printing process. For precise color fidelity , finished sample boards should be used.

Black

Tile Red

Dark Gray

Mocha

Cantileiver Tan

Light Gray

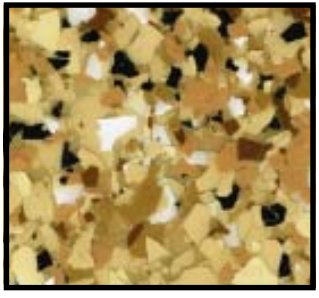
Saddle Tan

Ostrich Feather

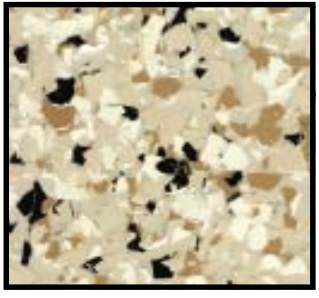
Yellow

Con-Spec Industries Ltd.

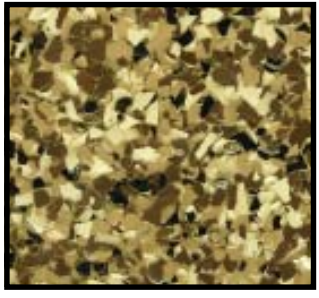
9525 - 63 Avenue
Edmonton, Alberta
T6E 0G2
Bus: (780) 437-6136
Fax: (780) 437-5242



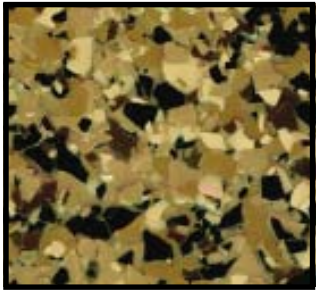
SADDLE TAN 1/4”



SHORELINE 1/4”



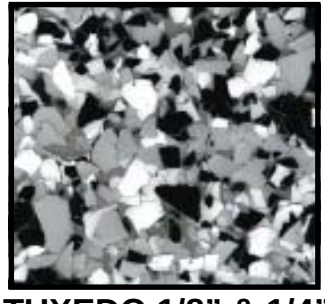
MOCHA 1/8”& 1/4”



COCONUT 1/4”

DESERT TAN 1/4”

STONEHEDGE 1/4”



TUXEDO 1/8” & 1/4”

COOL ICE 1/4”

Colours may not be exact due to limitations in the printing process.
For precise colour fidelity, finished sample boards should be used.

Con-Spec Industries Ltd.

9525 - 63 Avenue
Edmonton, AB
T6E 0G2
Bus: (780) 437-6136
Fax: (780) 437-5242

P1010 - Pearl (Cream)

P1020 - Dolphin (Silver)

P1040 - Whale (Charcoal)

P1050 - Emerald (Black)

P1130 - Lager (Gold)

P1240 - Americana (Red)

P1330 - Coral (Lt. Bronze)

P1340 - Ginger (Dk. Bronze)

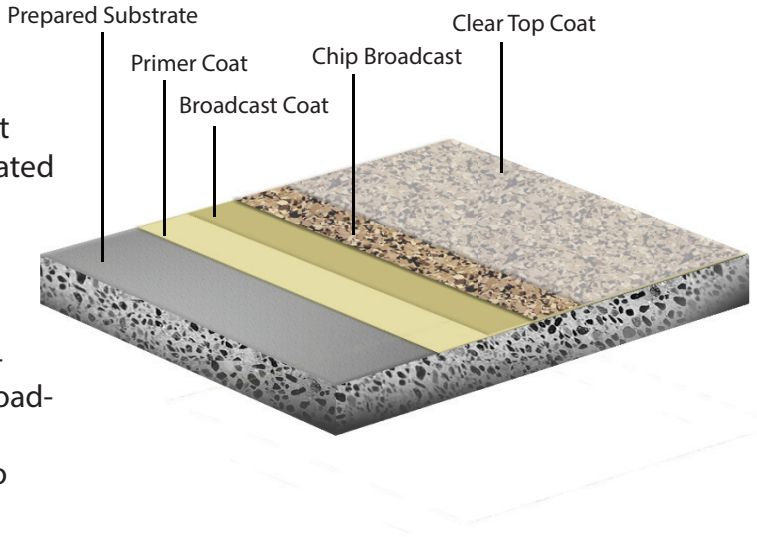
P1560 - Kona (Green)

P1620 - Maui (Blue)

Colours may not be exact due to limitations in the printing process.
For precise colour fidelity, finished sample boards should be used.

Vinyl Chip Broadcast

Multi Colored Full Broadcast Vinyl Paint Chip



Description

ADVACOAT Full Broadcast Vinyl Paint Chip system offers a great looking floor for any area. Vinyl Paint Chips are uniquely formulated to absorb basecoat and topcoat resins. This chemical property facilitates the creation of durable coating systems that resist component delamination.

Using ADVACOATs Polyaspartic products will cut down your installation time to a single day. Compared with using the traditional epoxy and polyurethane coatings, a Polyaspartic vinyl broadcast floor will eliminate long downtime for customers, while providing better gloss retention and abrasion resistance. Due to the wide variety of application avenues, this is one of the most common systems installed. The vinyl paint chips themselves offer a slight texture to the floor reducing the risk of slip and falls.

Due to the ability to build successive coats in a short amount of time, each separate coat will 'melt' together forming a single coating that will not delaminate from itself.

Surface Preparation

A profile of CSP 2-CSP 3 is recommended for this system application. Ensure the substrate is free of contaminants, and the pores are open to allow penetration of the surface. Shot blasting is not required for proper adhesion, but may be used to achieve a CSP 3 profile. When diamond grinding for preparation, using 20-40 grit diamonds is recommended.

Moisture Tolerance

This system requires a dry substrate. Any moisture vapor transmission test revealing over 3.5 pounds per 1000 feet/24 Hours requires a moisture barrier system installed prior to application. See ADVACOAT Moisture Lock or ACC Epoxy Moisture Block.

Application

System Specification Outline:

- 1 - (Optional) Epoxy Moisture Block - ACC EMB
- 2 - ACC 75 Coat Pigmented - Primer Coat
- 3 - ACC 75 Coat Pigmented - Vinyl Chip broadcast to refusal
- 4 - Clean up excess vinyl chips, and scrape floor. Clean up loose chips
- 5 - ACC 75/ACC 103 Coat Clear - Flat Squeegee and Back Roll
- 6 - (Optional) ACC 75/ACC 103 Coat Clear

System Advantages

- USDA, FDA and CFIA Acceptable
- UV Stable and Resistant
- Semi Textured
- Non Slip Top Coat Option
- Extremely Durable
- Long Life Expectancy
- Large Color Selection
- Chemical Resistant
- Easily Maintained
- Excellent Wear Resistance
- Antimicrobial Top Coat Option

Typical Applications

- Rest Rooms
- Garage Floors
- Service Areas
- Offices
- Show Rooms
- Locker Rooms
- Production Areas
- Veterinary Clinics
- High Traffic Areas

Installation Instructions

Contact ADVACOAT Technical Representative Prior to installation for further instructions or details.

STEP (Optional) Moisture Block

Use for substrates with moisture readings of over 4LBs per 1000Sq Ft/24 Hours. Mix 2 parts A Resin with 1 part B Hardener, by volume, into a clean container. Mix thoroughly with a low speed (400-600 rpm) drill motor/jiffy mixer for 3-4 minutes. Make sure to scrape the sides and bottom of the container during mixing. ACC EMB should be applied using a flat rubber squeegee with little pressure, or 3/16" notched squeegee with heavy pressure. Apply material at a rate of 200-250 square feet per gallon, and back roll using a 3/8" non-shedding nap roller. Coverage may vary depending upon substrate.

STEP 2 - Primer Coat (Pigmented)

Mix 1 part ACC 75 A side, with 1 part ACC 75 B side, and Aspartic Pigment in correct ratio, mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Be sure to only mix quantity of material that can be spread within a 10 minute period. Pour ribbon of mixed material onto area to be coated in a east to west direction, when pre determined exit from area is to the south. Using a 3/16" nap non shed roller, spread material north to south ensuring proper coverage of 300-350 square feet per gallon. Spread material should be back rolled in the opposite direction (East to West) so coating material is evenly distributed without puddles or ridges. Allow 45 minute to 1 hour cure time, or until tack free before moving onto Step 3.

STEP 3 - Broadcast Coat (Pigmented)

Mix 1 part ACC 75 A side, with 1 part ACC 75 B side, and Aspartic Pigment in correct ratio, mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Be sure to only mix quantity of material that can be spread within a 10 minute period. Pour ribbon of mixed material onto area to be coated in a east to west direction, when pre determined exit from area is to the south. Using a 3/16" nap non shed roller, spread material north to south ensuring proper coverage of 300 square feet per gallon. Spread material should be back rolled in the opposite direction (East to West) so coating material is evenly distributed without puddles or ridges.

Immediately after back roll is completed, broadcast vinyl paint chips into wet material. Keep broadcasting directly behind the back roll to ensure vinyl chip coverage. Wait at least one hour or until chips do not move under pressure from a finger before moving on to Step 4.

STEP 4 - Clean Up

Clean up excess vinyl chips using a leaf blower and broom. These paint chips may be re used on future projects. Using a 8 inch flat tile scraper, scrape chips in a even north - south pattern to knock down any standing chips. Repeat in the opposite direction to ensure all vinyl chips are shaved smooth. Using a leaf blower and vacuum, remove any loose shavings from area.

STEP 5 - Top Coat (Clear)

Mix 1 part ACC 75 A side, with 1 part ACC 75 B side and (ACC 103 - 2 Parts B side to 1 Part A side) mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Over a full refusal broadcast, pour a heavy ribbon of mixed material east to west, and spread evenly with a flat rubber squeegee in a east to west pattern, saturating the floor. A spread rate of 180-200 square feet per gallon should be expected. Once material is spread and floor is saturated, using a 3/8" non shed roller, back roll in a north to south pattern (Opposite of Squeegee direction), followed by a final back roll from east to west. Allow a minimum of 1 - 2 hours dry time before moving to Step 6.

STEP 6 - (Optional) Second Top Coat (Clear)

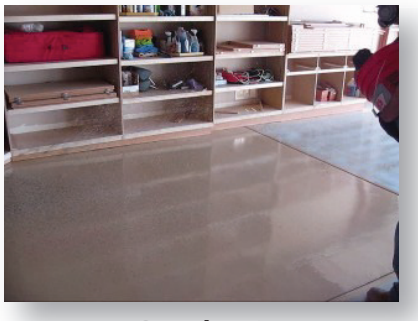
Mix 1 part ACC 75 A side, with 1 part ACC 75 B side, (ACC 103 - 2 Parts B side to 1 Part A side) and mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Be sure to only mix quantity of material that can be spread within a 10 minute period. Pour ribbon of mixed material onto area to be coated in a east to west direction, when pre determined exit from area is to the south. Using a 3/16" nap non shed roller, spread material north to south ensuring proper coverage of 300 square feet per gallon. Spread material should be back rolled in the opposite direction (East to West) so coating material is evenly distributed without puddles or ridges.

Coverage Rates

Step	Product	SQ Ft
Moisture Barrier	ACC EMB	160/Gal
Primer Coat	ACC 75 Colored	350/Gal
Broadcast Coat	ACC 75 Colored	300/Gal
Chip Broadcast	Vinyl Paint Chip	8/LB
Clear Top Coat	ACC 75/ACC 103	200/Gal
Optional Top Coat	ACC 75/ACC 103	300/Gal

Primer Coat Pigmented

Broadcast Coat Pigmented



Broadcast

Scraping Chips

First Top Coat Clear

Second Top Coat Clear

Physical Properties

Tensile strength,
Impressive strength,
Bond strength.
Impact strength.
Hardness, resin.
Flexural strength.
Abrasion resistance.
Water absorption.
Flammability.
UV exposure.
Yellowing index.
Antimicrobial resistance

Maintenance

The Vinyl Paint Chip Full Broadcast system is easily maintained with some simple steps.

1. Mix 4 gallons of hot water with 1 pint of ammonia.
2. Use a broom to remove any loose dirt or debris from the area.
3. Using a soft bristle deck brush, scrub the surface to remove any embedded dirt.
4. A flat squeegee may be used to move standing water. Use a wet vac to vacuum standing water and dispose.
5. Rinse area with clean water, and repeat step 4.

A floor finish maintenance system is not required for this application.

Additional Resources

- ACC 75 - 75% Solids Polyaspartic Product Data Sheet
- ACC 103 - 100% Solids Polyaspartic Product Data Sheet
- ACC 75 - 75% Solids Polyaspartic MSDS
- ACC 103 - 100% Solids Polyaspartic MSDS
- ACC WBU - Waterborne Urethane Product Data Sheet
- ACC WBU - Waterborne Urethane MSDS
- ACC EMB - Epoxy Moisture Block Product Data Sheet
- ACC EMB- Epoxy Moisture Block MSDS
- ADVACOAT Vinyl Chip Broadcast Specification Sheet

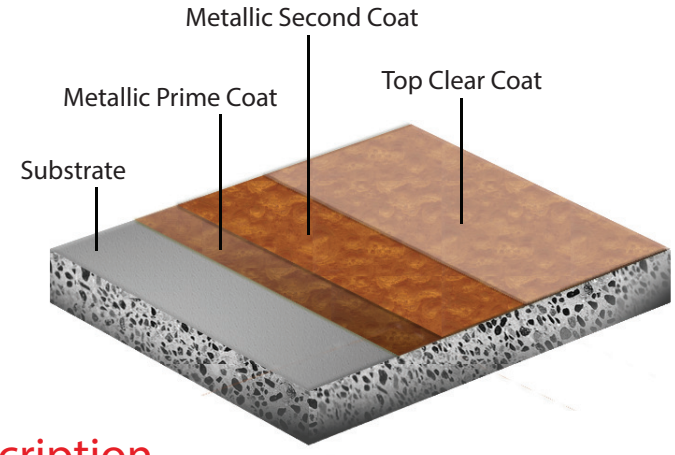
www.Advacoat.com

Optional Products

ACC Waterborne Urethane may be used as a second or third top coat in this system. Utilizing the Waterborne Urethane will add extra wear resistance, or Anti Microbial protection to the flooring system. Contact ADVACOAT for more information.

Metallic Pigmented

Metallic Pigmented System



Description

ADVACOAT Metallic Pigmented System offers a different and unique look, while providing easy maintenance. A special pearlescent metallic pigment is combined with Advacoat's Polyaspartic to create an exciting atmosphere for many different areas. Due to the nature of the metal pigments, this floor coating system will have a custom outcome that cannot be replicated. With proper application and maintenance, this coating system can last forever.

Surface Preparation

A profile of CSP 2 is recommended for this system application. Ensure the surface is free of contaminants, and the pores are open to allow penetration of the substrate. Due to the thin mil application of the system, shot blasting is not recommended. Dry diamond grind is the best method for preparation, and should have a profile finish of 80-100 grit diamond blades to ensure no grind patterns are seen through the finished coating.

Moisture Tolerance

This system requires a dry substrate. Any moisture vapor transmission test revealing over 3.5 pounds per 1000 feet/24 Hours requires a moisture barrier system installed prior to application. See ADVACOAT Moisture Lock or ACC Epoxy Moisture Block.

Application

System Specification Outline:

- 1 - (Optional) ACC Epoxy Moisture Block
- 2 - ACC 75 Coat Metallic Pigmented - Primer Coat
- 3 - ACC 75 Coat Metallic Pigmented - Spray Dispersant
- 4 - ACC 75/ACC 103 Coat Clear - Roll and Back Roll
- 5 - (Optional) ACC WBU Coat Clear Gloss or Matte

System Advantages

- USDA, FDA and CFIA Acceptable
- UV Stable and Resistant
- Single Day Application
- Non Slip Top Coat Option
- Custom & Attractive Look
- Long Life Expectancy
- Quick Return to Service
- Chemical Resistant
- Easily Maintained
- Excellent Wear Resistance
- Antimicrobial Top Coat Option

Typical Applications

- Restaurant Dining Areas
- Entertainment Venues
- Retail Stores
- Boutiques
- Show Rooms
- Office Lobby
- Garage Floors

Installation Instructions

Contact ADVACOAT Technical Representative Prior to installation for further instructions or details.

STEP (Optional) Epoxy Moisture Block

Use for substrates with moisture readings of over 4LBs per 1000 Sq Ft/24 Hours. Mix 2 parts A Resin with 1 part B Hardener, by volume, into a clean container. Mix thoroughly with a low speed (400-600 rpm) drill motor/jiffy mixer for 3-4 minutes. Make sure to scrape the sides and bottom of the container during mixing. ACC EMB should be applied using a flat rubber squeegee with little pressure, or 3/16" notched squeegee with heavy pressure. Apply material at a rate of 160-200 square feet per gallon, and back roll using a 3/8" non-shedding nap roller. Coverage may vary depending upon substrate.

STEP 2 - Primer Coat (Metallic Pigmented)

Mix 1 part ACC 75 A side, with 1 part ACC 75 B side, and Metallic Pigment in correct ratio, mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Be sure to only mix quantity of material that can be spread within a 10 minute period. Pour ribbon of mixed material onto area to be coated in a east to west direction, when pre determined exit from area is to the south. Using a 3/16" nap non shed roller, spread material north to south ensuring proper coverage of 300 square feet per gallon. Spread material should be back rolled in the opposite direction (East to West) so coating material is evenly distributed without puddles or ridges. Allow 1 hour cure time, or until tack free before moving onto Step 3.

STEP 3 - Dispersion Coat (Metallic Pigmented)

Mix 1 part ACC 75 A side, with 1 part ACC 75 B side, and Metallic Pigment in correct ratio, mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Be sure to only mix quantity of material that can be spread within a 10 minute period. Pour ribbon of mixed material onto area to be coated in a east to west direction, when pre determined exit from area is to the south. Using a 3/16" nap non shed roller, spread material north to south ensuring proper coverage of 250 square feet per gallon. Spread material should be back rolled in the opposite direction (East to West) so coating material is evenly distributed without puddles or ridges. To maintain a consistent color, back roll should be done in a East to West, OR, West to East direction ONLY. By back rolling both directions, a slight color change may occur. This is the nature of the metallic pigment, and cannot be helped.

Immediately after back roll is completed, using a basic spray bottle, spray an even amount of Denatured Alcohol in a mist, or light stream on to wet coating, ensuring not to puddle dispersant.

Wait at least one hour to two hours until Step 4. Walking onto the coating too early may result in foot prints in the metallic finish that will show through the clear coat.

STEP 4 - Top Coat (Clear)

Mix 1 part ACC 75 A side, with 1 part ACC 75 B side and (ACC 103 - 2 Parts B side to 1 Part A side) mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Pour a heavy ribbon of mixed material east to west, and spread evenly with a 3/8" non shed roller, in a north to south pattern. A spread rate of 250 square feet per gallon should be expected. Once material is spread, back roll in a east to west pattern (Opposite of spread direction). Allow a minimum of 1 - 2 hours dry time before moving to Step 5.

STEP 5 - (Optional) Second Top Coat (Clear)

Mix 1 part ACC 75 A side, with 1 part ACC 75 B side, (ACC 103 - 2 Parts B side to 1 Part A side) (ACC WBU - 2 Parts B Side to 1 Part A Side, add 60% Distilled Water to cut) and mix thoroughly with stir stick for 2 minutes making sure to scrape sides and bottom of container. Be sure to only mix quantity of material that can be spread within a 10 minute period. Pour ribbon of mixed material onto area to be coated in a east to west direction, when pre determined exit from area is to the south. Using a 3/16" nap non shed roller, spread material north to south ensuring proper coverage of 300 square feet per gallon (ACC WBU - 400 Square Feet per Gallon). Spread material should be back rolled in the opposite direction (East to West) so coating material is evenly distributed without puddles or ridges.

Coverage Rates

Step	Product	SQ FT
Moisture Block	ACC EMB	160/Gal
Primer Coat	ACC 75 Metallic	300/Gal
Dispersion Coat	ACC 75 Metallic	250/Gal
Clear Top Coat	ACC 75/ACC 103	250/Gal
Optional Top Coat	ACC WBU	400/Gal

Primer Coat Pigmented

Dispersion Coat Pigmented

Dispersion

Clear Top Coat

Finished Metallic Floor

Physical Properties

Tensile strength,
Impressive strength,
Bond strength.
Impact strength.
Hardness, resin.
Flexural strength.
Abrasion resistance.
Water absorption.
Flammability.
UV exposure.
Yellowing index.
Antimicrobial resistance

Maintenance

The Metallic system is easily maintained with some simple steps.
1. Mix 4 gallons of hot water with 1 pint of ammonia.
2. Use a broom to remove any loose dirt or debris from the area.
3. Using a soft bristle deck brush, scrub the surface to remove any embedded dirt.
4. A flat squeegee may be used to move standing water. Use a wet vac to vacuum standing water and dispose.
5. Rinse area with clean water, and repeat step 4.

A floor finish maintenance system is a great option for this flooring system. Although the ADVACOAT products are extremely tough, using a sacrificial maintenance coating, like a floor finish, can prolong the life of the coating for years on end.

Additional Resources

- ACC 75 - 75% Solids Polyaspartic Product Data Sheet
- ACC 103 - 100% Solids Polyaspartic Product Data Sheet
- ACC 75 - 75% Solids Polyaspartic MSDS
- ACC 103 - 100% Solids Polyaspartic MSDS
- ACC WBU - Waterborne Urethane Product Data Sheet
- ACC WBU - Waterborne Urethane MSDS
- ACC EMB - Epoxy Moisture Block Product Data Sheet
- ACC EMB - Epoxy Moisture Block MSDS
- ADVACOAT Metallic Pigment System Specification Sheet

www.Advacoat.com

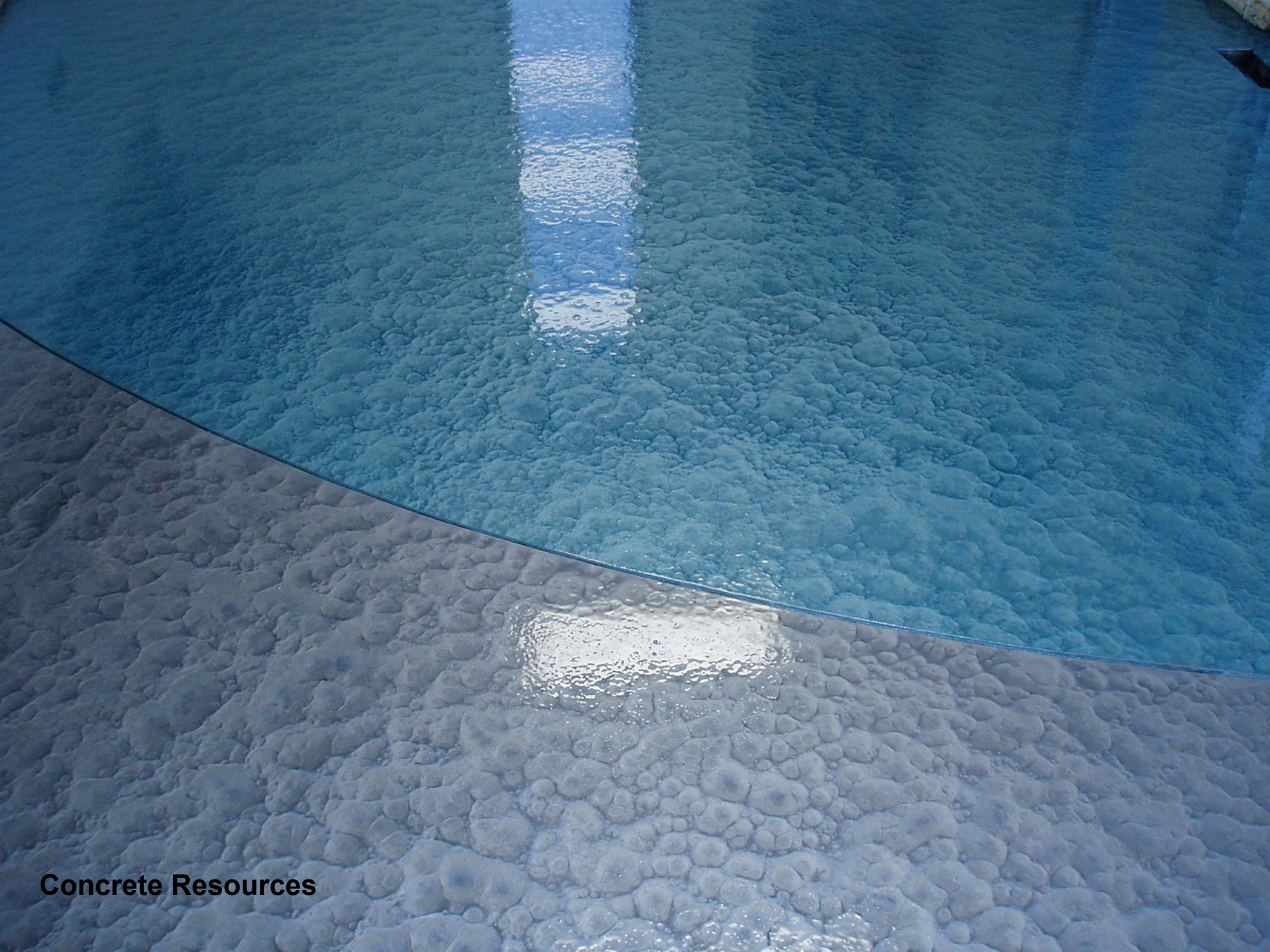
Optional Products

ACC Waterborne Urethane may be used as a second or third top coat in this system. Utilizing the Waterborne Urethane will add extra wear resistance, or Anti Microbial protection to the flooring system. Contact ADVACOAT for more information.


Artista Concrete


Artista Concrete


Concrete Resources


Concrete Resources