





Citadel Floor Coating Training

August 18, 2023

#### **Agenda**



- ✓ Overview Citadel Floor Finishing Systems
- √ High Performance Broadcast Systems One Day Floors
- **✓** Surface Preparation
- ✓ Patch/Repair & Special Purpose Products
- **✓** Specialty Primers & Basecoats
- √ System Comparisons Base Coat Selection
- ✓ Top Coat Selection + Top Coat Options
- **✓** Best Practices & Key to Successful Installs





# Base Coat Demo Citadel Polyurea 350



### **Citadel Floor Finishing Systems - Our Advantage**

- Complete Systems for Residential, Commercial and Industrial Flooring Markets
- Innovative Product Assortment: Good, Better, Best
- Market Leading Technical and Customer Service Support





# **Key Flooring Markets Served**

#### Healthcare

- Lobbies
- Cafeterias
- Kitchens
- Labs
- Mechanical rooms
- Restrooms
- Locker rooms
- Emergency rooms
- Hallways

#### Commercial

- Fire stations
- Kitchens
- Locker rooms
- Restrooms
- Service areas
- Storage areas
- Hallways

#### Residential

- Garages
- Interior floors
- Sidewalks
- Patios
- Porches

#### **Animal facilities**

- Veterinarian clinics
- Animal hospitals
- Kennels/boarding facilities
- Shelters

#### **Education**

- Restrooms
- Kitchens
- Classrooms
- Labs
- Cafeterias
- Locker Rooms
- Mechanical Rooms
- Bleachers
- Hallways

#### Retail

- Automotive showrooms
- Service bays
- Garages
- Restaurants
- Kitchens and prep
- Restrooms
- Stadium concession areas
- Breakrooms
- Locker rooms
- Retail areas

#### **Manufacturing and industrial**

- Shop floors
- Warehouse floors
- Manufacturing plants
- Breakrooms
- Loading docks
- Locker rooms
- Machine/maintenance rooms
- Restrooms

#### **Food service**

- Restrooms
- Food prep
- Kitchens
- Bar areas
- Dining areas

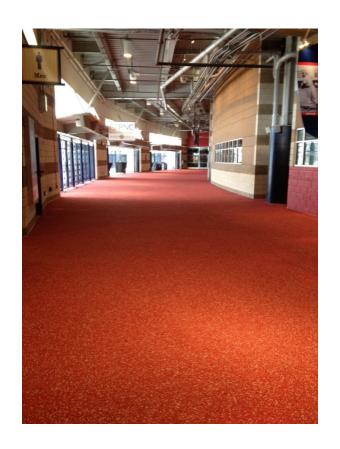


### The Citadel Advantage



Easy and Repeatable, Fast and Durable

- √ Easy Application
- √ Consistent, Repeatable Results
- ✓ Quick Return to Service
- √ Robust Innovative Products





### Citadel Floors – One Stop Shop



"Best in Class finishes for high performing decorative flooring in Residential, Commercial and Industrial Markets".

- Polyurea Basecoats
- Polyaspartic Topcoats
- Urethane Topcoats
- Moisture Vapor Barriers
- Patch & Repair
- Aggregates / Anti-Slip Options
- Sundries & Accessories





# The Citadel Advantage – Flooring Center of Excellence

Flooring Center of Excellence integrates customer service, R&D, marketing, technical support, sample production and manufacturing in one location.

- Flooring Center Site, 110,000 sf
- 85,000 sf of Manufacturing
- 5,000 sf of R&D
- Concrete Application Lab
- Full Sample Department
- Built for the Future

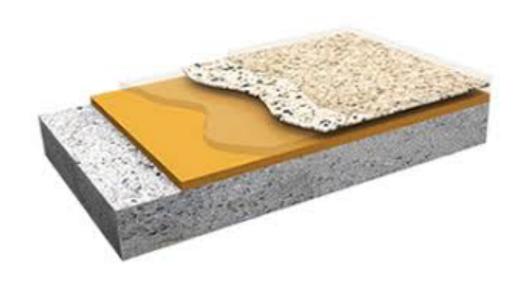






#### **Broadcast Flooring Systems**

- Base coat provides adhesion to surface and receives broadcast material
- Broadcast material adds decorative effect, durability and anti-slip. Vinyl flake, colored quartz and silica quartz is commonly used.
- Top coat encapsulate the broadcast material and add durability/longevity





#### **Citadel Flooring Installation Process**



- Inspect
- Product System Selection
- Surface Preparation
- Patch and Prime
- Product System Installation







# **Surface Preparation & Substrate Evaluation**

No single facet of a concrete coating contributes more to the <u>success</u> or <u>failure</u> of the application than the evaluation of the substrate and proper surface preparation.

Surface PREPARATION will vary depending upon the requirements of the coating system selected

- Thickness of coating
- Aesthetic value
- Project limitations

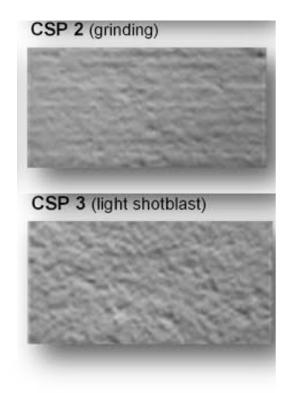
Mechanical PREPARATION is the most common method of surface PREPARATION

- Diamond Grinding
- Shot Blasting



# **Surface Preparation**

**Concrete Surface Profile Specifications** 





#### ICRI: Nine Concrete Surface Profile (CSP) Configurations

- CSP 1 acid etched
- CSP 2 grinding
- CSP 3 light shot blast
- CSP 4 light scarification
- CSP 5 medium shot blast
- CSP 6 medium scarification
- CSP 7 heavy abrasive blast
- CSP 8 scabbled
- CSP 9 heavy scarification

Correct Conces Pourses Conces System Codes







How to examine and prepare the concrete substrate prior to resinous flooring installation;

Moisture vapor transmission;
ASTM F2659-23 Preliminary Evaluation Using a
Non-Destructive Electronic Moisture Meter







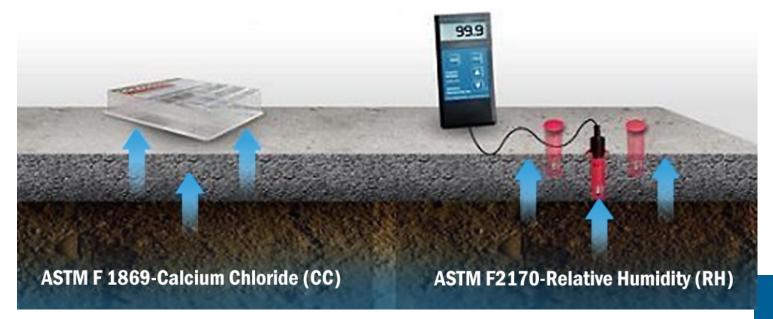




How to examine and prepare the concrete substrate prior to resinous flooring installation;

Moisture vapor transmission; ASTM F 1869 (Calcium Chloride Testing) ASTM F 2170 (Internal Relative Humidity Testing)

#### **Calcium Chloride vs Relative Humidity Testing**







### **Game Changing Products – Specialty Primers**

#### **Ultra Hydro-Stop 100% Solids Vapor Barrier**

- One-coat, 100% Solids Epoxy, membrane-forming, moisture vapor control system formulated to bond to concrete with high (or excessive) relative humidity (RH)
- Designed to reduce moisture vapor emission levels from 25 lbs./ 1000 sq. ft./24 hours to 3lbs./1000 sq. ft./24 hours or less. With a low permeability of 0.09 perms (ASTM E96)
- Citadel UHS is an excellent moisture blocker for virtually all types of flooring, including low permeable flooring
- Ideal for commercial, industrial and institutional applications were moisture vapor control may be an issue







#### **Game Changing Products – Specialty Primers**

#### **EP-55 Primer**

Citadel® EP 55 is a two component, water-based epoxy primer designed to improve the adhesion of floor coatings over difficult to coat, or marginally prepared substrates. Substrates include, hard-troweled concrete, aluminum and various types of tiles. EP 55 primer can be top coated with most types of floor coating technologies including epoxies and polyurethanes

- Designed to improve the adhesion of floor coatings over difficult to coat, or marginally prepared substrates.
- Excellent as a primer/basecoat for warehouse line striping, zone marking
- Can be top coated after 5 hours and before 7 days
- Compatible with most flooring technologies







## Game Changing Products – Patch & Repair

#### Fortification Formula Polyurea Crack Repair

- Easy Application 1:1 mix, Self Leveling
- Quick Return to Service
  - ➤ Walk on / Grind in 15 minutes
- Cold Temp Cure Down to -5F
- Consistent, Dependable Results









# PolyFlex 93

Polyflex-93 is a two component, 100% solids, VOC Compliant, self-leveling flexible control joint filler. It cures rapidly and consistently at temperatures ranging from 0° to 120°F. With a tack-free time of less than 25 minutes, and allows vehicle or foot traffic in one hour. Polyflex-93 can be easily coated over with a wide variety of Citadel products.

- Two component, 100% solids
- Self-leveling flexible
- For control joint filler & cracks\*
- Installation temp 0° to 120° F
- Tack free in less than 25 minutes
- Countable to create a seamless floor









# PolyFlex 93 – Control Joints or Cracks:



 Clean out Joint with diamond blade to provide a clean porous surface.



- Insert Backer Rod
  - Must be slightly bigger than joint



- Overfill with PolyFlex 93
  - After firm\* shave with razor scraper







## Game Changing Products - Patch & Repair

#### **Self Leveling Concrete Patch Compound**

- Easy Application Add Water, Mix and Pour
- Fiber Reinforced for Durability
- Feather Edge to 4" thick\* (thickness will affect recoat time)
- Quick Return to Service Walk on in 30 minutes, Drive on in 2 hrs.









# Patching & Repairing Products Ultra Hydro Stop Demo



# One-Day Grind & Seal Flooring System

- Mechanically abrade the floor by diamond grinding to achieve a final 80–120 grit finish, reference profile CSP-2 according to ICRI.
- Apply clear RG-70 at a rate of 250 to 300 ft2 per gallon
- Apply Polyurea1 HD top with UDP at a400 to 500 ft2 coverage rate
- \*Add Durability Plus 220 sieve Polycarbonate for additional abrasion resistance at a rate of to desired effect, suggest sample to define.







# **One-Day Smooth Pigmented Flooring**

RUST-OLEUM®

- Base coat of Polyurea 350 at 250 ft2 per gallon
- Pigmented RG-70, RG80X, or UL80
- Pigmented RG-70, RG80X, or UL80
- Pigmented Polyurea1 HD top with Ultra Durability Plus 220sieve Polycarbonate for additional abrasion resistance





# One-Day Silica Broadcast Flooring (Shop/Stout)



- Base coat of Polyurea 350 @ 100 to 150 ft2 per gallon
- Broadcast to rejection rate is ½ lb per ft2
- Allow 2-4 hours cure time before cleaning and collecting excess
- Intermediate coat of pigmented RG80x or UL80 @ 100 ft2 pr gln
- Broadcast to rejection rate is ½ lb per sq ft.
- Allow 2-4 hours cure time before collecting excess
- Grout coat of pigmented RG80x or UL80 @ 100 ft2 pr gln
- \*Optional but highly recommended application of clear Poly1 HD for additional abrasion & chemical resistance

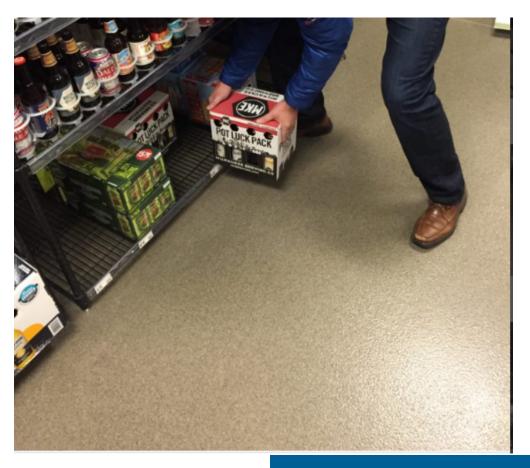




# One-Day Color Quartz Broadcast Flooring



- Base coat of Polyurea 350 @ 100 to 150 ft2 per gallon
- Broadcast to rejection rate is ½ lb per ft2
- Allow 2-4 hours cure time before cleaning and collecting excess
- Intermediate coat of clear RG80x or UL80
   @ 100 ft2 pr gln
- Broadcast to rejection rate is ½ lb per sq ft.
- Allow 2-4 hours cure time before collecting excess
- Grout coat of clear RG80x or UL80 @ 100 ft2 pr gln
- \*Optional but highly recommended application of clear Poly1 HD for additional abrasion & chemical resistance



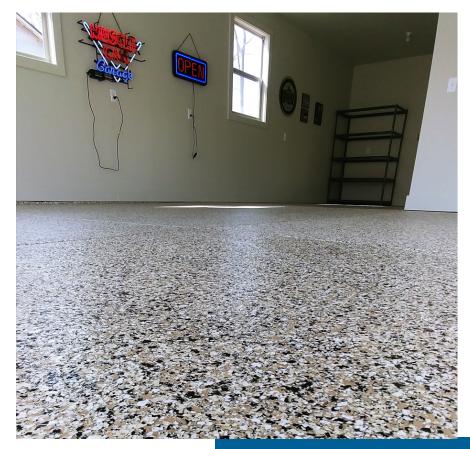


## **One-Day**

## Broadcast Flooring – Decorative 1/4" Chip



- Base coat of Polyurea 350 at 250 ft2 per gallon
- Broadcast to rejection rate is 1 lb per 6 sq ft.
- Base coat must be completely buried
- Allow 2-4 hours cure time before collecting excess
- Application of clear top coat(s) will dictate final profile





#### Citadel's Market Leading 1-Day Floor "Our Legacy Flooring System"



- 1. Polyurea 350 basecoat
- 2. Broadcast material of your choice
- 3. RG-80x topcoat
- Quick return to service, saves time and reduces disruptions
- Versatile. Provides appealing appearance across a wide range of floors.
- Tough, durable, color stable finish that protects against the chemicals, abuse and wear.
- Consistent Results!





### **Adjustable Cure Rate Technology**



"Specially formulated to deliver optimal product performance over a broad temperature range. Fast Return to Service, Consistent Results & Longevity"!

#### Polyurea 350 Basecoat:

Summer Blend: 70-100F

Winter Blend: 50-70F

Artic Blend: 0-50F

#### RG – 80x Polyaspartic

• Super Slow: 90F+

• Slow: 50-90F

Fast: 0-50F





#### **Core High Performance Base Coats**

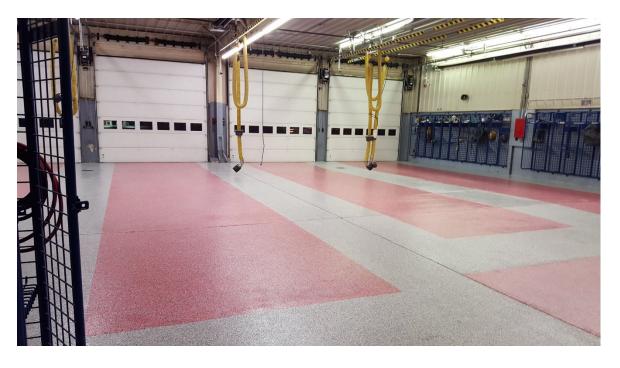


"Best in Class foundation for Residential, Commercial and

Industrial Flooring".

Polyurea 350

Ultra Hydro Stop





## Citadel Poly350 Base Coat



- 98% Solids Aromatic Polyurea
- Self Priming Direct to Concrete
- Superior Bond both mechanically & chemically\*
- Flexible / 198% Elongation & Impact Resistant
- Low Temp Cure / Variable Cure Rate Technology
- Excellent for Broadcast Systems Up to 45 min broadcast window
- Recoat 2-4 hours
- 1:2 mix ratio (A:B)
- Applied at 250 ft2 per gallon
- Available in Tan, Gray, Clear & pigmentable with universal color packs





#### **Core High Performance Base Coats**



#### **Ultra Hydro Stop:**

- Available in Gray, Tan & Clear
- Applied at 80 to 100 ft2 per gallon
- 3:2 mix ratio
- 100% solids
- Able to receive broadcasted w/o reducing ability to stop moisture
- Stops up to 25 lbs. of moisture





#### **Core - High Performance Base Coats**



#### PLE-100: 100% Solids Epoxy

- Available in Clear and Armor Gray, Light Gray & Dunes Tan
- Applied at 80 to 100 ft2 per gallon
- 2:1 mix ratio
- 30-35 minutes Pot Life
- Direct to Concrete
- Low odor 100% solids
- Tenacious adhesion
- Chemical resistant
- FAST version available soon!\*





## **Core High Performance Top Coats**



"Best in Class finishes for high performing decorative flooring in Residential, Commercial and Industrial Markets".

- RG -70
- RG-80x
- UL-80
- ET-80
- Poly-1 HD
- Poly-3 WB
- Poly-4 XT





# Citadel RG-80x Polyaspartic Top Coat



- Workhorse 80% Solids Aliphatic Polyaspartic
- UV Stable
- Chemical Resistant
- Low Temp Cure / Variable Cure Rate Technology
- 1A: 1B Mix Ratio
- 1 Coat Coverage Top Coat for Full Chip System
- 24 Hour Cure for Vehicle Traffic
  - Super Slow requires 48 hour cure for vehicle traffic





## Citadel UL-80 Polyaspartic Top Coat



- Ultra Low Odor
- 80% Solids Aliphatic Polyaspartic
- UV Stable
- Chemical Resistant
- 1A: 1B Mix Ratio
- 1 Coat Coverage Top Coat for Full Chip System
- 24 Hour Cure for Vehicle Traffic





# **Epoxy Resinous Flooring Systems**



### Metallic Flooring



Are fluid-applied, self-leveling, pored in place systems to properly prepared substrates. They create a seamless, protective unique flooring that offers a metallic, marbleized, high-end floor coating that offers high abrasion & chemical resistance and is easy to clean and maintain.

#### Primer/Basecoat

- PLE-100 100% Solids Pigmented Epoxy
  - EP-55 Primer
  - Ultra Hydro Stop

#### **Metallic Coat**

- SLE-100 100% Solids Premium Epoxy
  - PLE-100 100% Solids Epoxy

#### **Protective Top Coat**

- Poly4 XT
- Polyurea1 HD
- Ploly3 WB Gloss or Matte



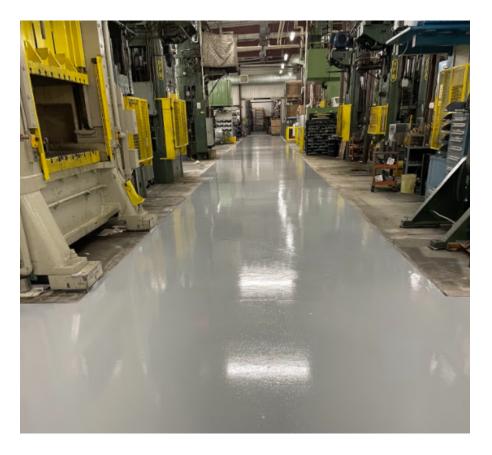


### **Epoxy Smooth/Neat Flooring System**



Used as a protective coating in warehouses, manufacturing plants, ...

- \*Primer/Base coat of Ultra Hydro Stop epoxy at 100 ft2 per gallon
- Pigmented PLE-100 or SLE-100 epoxy at 150 ft2 per gallon
- Pigmented PLE-100 or SLE-100 epoxy at 150 ft2 per gallon
- (application of one or two coats, along with thickness are dependent on clients needs and budget.)
- Pigmented Polyurea1 HD top with Ultra Durability Plus 220sieve Polycarbonate for additional abrasion resistance







### SmoothEpoxy/Neat & Metallic Flooring

#### **BENEFITS:**

- Suitable for high foot traffic and light/moderate traffic
- Seamless, nonporous and easy to maintain
- Ease of maintenance
- Aesthetic improvements
- Hard and abrasion resistant
- Stain and chemical resistant
- Antimicrobial
- Gloss. Satin and matte finish available







### Metallic Flooring

#### **TYPICAL AREAS OF USE:**

- Residential projects
- Retail stores
- Automobile showrooms
- Restaurants & bars
- Hotels & casinos
- Art galleries & museums

### Smooth/Neat Flooring System

#### **TYPICAL AREAS OF USE:**

- Warehouses
- Manufacturing areas
- Grow facilities
- Laboratories & clean rooms
- Automobile service areas & garages
- Exhibition halls
- Medical & educational facilities
- Aircraft hangars



### **Epoxy Silica Broadcast Flooring:**

**Utility/Shop Flooring** 



- Base coat of PLE-100 epoxy @ 100 to 150 ft2 per gallon
- Broadcast to rejection rate is ½ lb per ft2
- Once cured clean and remove excess
- Intermediate coat of pigmented PLE-100 @ 100 ft2 pr gln
- Broadcast to rejection rate is ½ lb per sq ft.
- Allow to dry and cure before collecting excess
- Grout coat of pigmented PLE-100 or SLE-100 epoxies @ 100 ft2 pr gln
- \*Optional but highly recommended application of Poly1 HD for additional abrasion & chemical resistance





### Silica Broadcast Flooring:



#### **Utility/Shop Flooring**

A seamless fluid-applied, silica reinforced resinous flooring system with increased abrasion and impact resistance. Ideal for residential and commercial projects where a functional projective coating where higher durability is needed.

#### **BENEFITS:**

- Increased slip resistance in wet areas
- High impact & abrasion resistance
- Suitable for high traffic from forklifts and vehicles
- Seamless, nonporous and easy to maintain
- Resistant to hot tire pickup
- For surfaces in need of repair and/or protection



### Industrial Systems

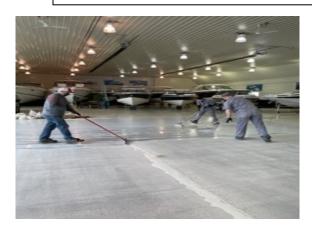


- Type I Products
  - 8000 OverKrete S/OP/V
  - 8100 OverKrete Xtra S/OP/V
  - 8200 OverKote S/TX/V
  - 8300 OverKote Plus S
  - 9600 BriteCast

#### **Companion Products**

TurboPrime Sealer / Primer TurboKrete Concrete Patch BlokFil Concrete Epoxy 108Clean & Etching Solution

- Type II Products
  - 8000 OverKrete HD
  - 8100 OverKrete SL
  - 8200 OverKote HD
  - 8300 OverKote Plus HD
  - 8600 OverKrete 45/65 HD/S
  - 8900 ThermaKrete Urethane Concrete
  - 9000 FlorClad HD
  - 4700 UltraPlex









### Poly-3 WB

#### \*GOOD\*

Polyurea 3 WB is a High Solids (67%) premium waterborne two-part high performance urethane coating which utilizes aliphatic urethane polymer technology. It provides excellent film hardness, chemical, abrasion and UV resistance. It is available in Clear, Dunes Tan, and Light Gray and in a high gloss or matte finish.

- High solids 2K Urethane
- Good Abrasion and Excellent Chemical Resistance
- Add Ultra Durability Plus to increase abrasion resistance
- Available in Clear, Dunes Tan or Light Gray
- Available in Gloss or Matte Finish







### Polyurea-1 HD

#### \*BETTER\*

Polyurea-1 HD is a high solids, single component Aliphatic Urethane that provides a high gloss, smooth finish with excellent abrasion and chemical resistance. Has a high gloss finish or satin by adding Ultra Durability Plus additive. Comes in clear but can be pigmented using CFFS colorants.

- High solids 1k urethane.
- Long work time
- High chemical & abrasion resistance
- Gloss or satin finish
- Clear or pigmentable
- Open to vehicle traffic in 24 hours\*
- Unused material is good for 6 months\*







### Poly-4 XT

#### \*BEST\*

• Is a ready to use, easy to install high performance gloss topcoat that provides industry leading durability and return to service performance. Ideal for decorative and functional flooring applications that require protection from UV rays, abrasion, scratches and many of today's harshest chemicals. Poly-4 XT is tough and durable, at least 2X's more scratch and mar resistance when compared to moisture cured urethanes and polyaspartics.

- 1K, Easy To Use
- High Performance Gloss Topcoat
- Highly Abrasion & Scratch Resistant\*
- Highly Chemical Resistant





### **Questions?**



# Top Coat Demo Citadel RG80x Polyaspartic



# New All In One Packaging of One-Day Flooring Coming Soon!







### **Narrow Spiral Mixer**

- Product Details
  - Narrow spiral mixer for use with new All-In-One packaging
  - In stock NOW!
- Features/Benefits
  - Allows for easy power mixing with new packaging components
    - Pre-mix A and B in the individual component containers
    - Same mixer can be used for combining both components in the provided outer packaging/mixing vessel
  - Fits most standard drills
  - Easy clean-up
- Accessories Catalogue
  - One SKU to be used across all brands
    - Stocked in Brooklyn Park
  - Pricing is consistent across all brands







#### **Types of Concrete Joints**

#### **Control Joint:**

- Used for controlling shrink cracks in the first 90 days of the concretes curing.
- Used to control where a concrete slab cracks by allowing the crack to occur in the weakest point.
- Control joints are usually spaced between 15'-20' apart for slabs thicker than 7".
- Some control joints may function as expansion joints if no expansion joints were installed in the concrete. Check to determine if there is movement in the control joints. If so then the joint must be allowed to continue to move by treating it as an expansion joint.



#### **Types of Concrete Joints**

#### **Expansion & Isolation Joints:**

- Allows the concrete slabs to have areas for movement required by the expansion and contraction caused by temperature changes.
- Should be every 40'.
- Used to isolate a section or area of concrete such as around a column or pole.
- It stops a crack from continuing from one section of concrete to another.
- Common uses:
  - Concrete columns parking garages, commercial buildings, etc.
  - Residential garages Cold joints around perimeter of concrete slab.
- Can be filled with a sealant with a minimum of 100% tensile elongation and backer rod – 400-500% is better.



### PolyFlex 93

Polyflex-93 is a two component, 100% solids, VOC Compliant, self-leveling flexible control joint filler. It cures rapidly and consistently at temperatures ranging from 0° to 120°F. With a tack-free time of less than 25 minutes, and allows vehicle or foot traffic in one hour. Polyflex-93 can be easily coated over with a wide variety of Citadel products.

- Two component, 100% solids
- Self-leveling flexible
- For control joint filler & cracks\*
- Installation temp 0° to 120° F
- Tack free in less than 25 minutes
- Countable to create a seamless floor





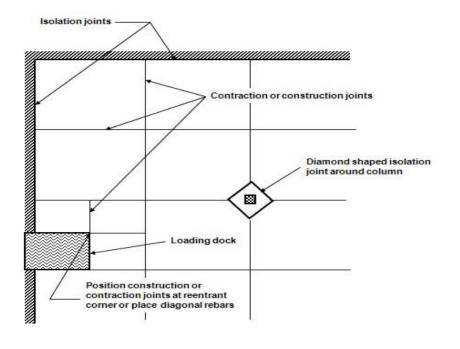




#### **Types of Concrete Joints**

#### **Construction Joint:**

- Is the cold joint from pour to pour.
- Can be filled and treated as a crack with FORTIFICATION, PolyFlex 93, Ultra Hydro Stop or 100% solids epoxy.





### Flooring – System Comparison



Our formulated basecoat delivers better adhesion, longer durability:

- Superior substrate wetting and penetration
- Adhesion promoters that chemically bond to concrete
- Best in class impact resistance, flexibility & elongation

High Performance 1-Day Resinous Flooring Coating Systems							
Basecoat Comparison							
			Competitor's				
		Rust-Oleum's	Polyaspartic				
Performance Properties		Polyurea Basecoat	Basecoat				
Formulation	Solids	98%	Varies; 70% - 100%				
Installation Application	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	Substrate Wetting	Superior	Fair				
	Substrate Penetration	Superior	Fair				
Installation Working Time							
	Coating application	20-25 Minutes	20-25 Minutes				
	Chip application	45 Minutes	20-25 Minutes				
Adhesion Performance							
	Adhesion to Marginal						
	Substrates	Superior	Fair				
	Mechanical Adhesion	Superior	Excellent				
	Chemically Bonds to						
	Concrete	Yes	No				
	Tensile Strength	Superior	Fair				
	Adhesion to Concrete	Superior	Fair				
	Impact Resistance						
	Direct/Reverse	Superior	Fair				



### Flooring – System Comparison



High Performance Flooring - System Comparison						
System	Epoxy Flooring System	1-Stop, 1-Day Flooring System				
Installation Time	2 - Day	1 -Day				
Application Temp	50 °F - 90 °F	30 °F - 90+° F				
Color/UV Stability	Very Good - Interior Use Only	Excellent - Interior & Exterior Use				
Return To Service						
Recoat	12-48 hours	2-12 hours				
Foot Traffic	12-16 hours	2-4 hours				
Vehicle Traffic	36-48 hours	1 - Day				
Longevity - Service Life	Better	Best				
Wear - Abrasion Resistance	Very Good	Excellent				
Chemical Resistance	Very Good - Excellent	Excellent				



### **Best Practices - Project Condition Report**



	OJECT CONDITION SURVEY ill out as completely as possible)
(11)	in out as completely as possible)
DISTRIBUTOR INFORMATION	
Distributor:	Date:
Location:	
Contact:	
PROJECT INFORMATION	
Project:	Location:
Contact:	
Total Sq. Ft C	Cove Lin. Ft Striping Lin, Ft
Description of Project	
Have there been previous problems w	rith the concrete or any coatings applied to the concrete?
☐Yes ☐No If yes, explain	
Special colors needed? Yes	No If yes, explain
-1	
CONCRETE SUBSTRATE	
CONCRETE SUBSTRATE Condition: Good Expo	osed Aggregate Uneven and Spalled Chemical Corroded
CONCRETE SUBSTRATE  Condition: Good Expo  Cracks: Yes No	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo  Cracks: Yes No  Area Pitched: Yes No	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo  Cracks: Yes No  Area Pitched: Yes No  Floor subjected to: Chemical	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo Cracks: Yes No Area Pitched: Yes No Floor subjected to: Chemical Thickness Age yrs	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo Cracks: Yes No Area Pitched: Yes No Floor subjected to: Chemical Thickness Age yts  OPERATING ENVIRONMENT	osed Aggregate
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CONCRETE SUBSTRATE  Condition:	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo Cracks: Yes No Area Pitched: Yes No Floor subjected to: Chemical Thickness Age yrs OPERATING ENVIRONMENT Operating temperature of floor: F  CHEMICAL EXPOSURE:	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo Cracks: Yes No Area Pitched: Yes No Floor subjected to: Chemical Thickness Age yrs  OPERATING ENVIRONMENT Operating temperature of floor: F  CHEMICAL EXPOSURE:  Yes No (If no, skip to I	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo Cracks: Yes No Area Pitched: Yes No Floor subjected to: Chemical Thickness Age yts OPERATING ENVIRONMENT Operating temperature of floor: F  CHEMICAL EXPOSURE: Yes No (If no, skip to II) Chemical %Conc.	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo Cracks: Yes No Area Pitched: Yes No Floor subjected to: Chemical Thickness Age Ys  OPERATING ENVIRONMENT Operating temperature of floor: F  CHEMICAL EXPOSURE: Yes No (If no, skip to II) Chemical	osed Aggregate
CONCRETE SUBSTRATE  Condition: Good Expo Cracks: Yes No Area Pitched: Yes No Floor subjected to: Chemical Thickness Age yts OPERATING ENVIRONMENT Operating temperature of floor: F  CHEMICAL EXPOSURE: Yes No (If no, skip to II) Chemical %Conc.	osed Aggregate

	Foot Rubber	_	s □Fork Lifts □Steel □Pn	_	Semi-trailer Truc
CLEANING PRO	CEDURES:				
Hot Water	Steam	Caustics-pl	_		Temperature
Frequency:	□Daily	□Weekly	Monthly	Other	
SPECIAL CONSI	DERATIONS:				
Installation by:	Rust-Oleu	ım Applicator	Customer	in-house crew	
Project Schedule:	□W	eekday 🔲 We	ekend Nights	☐Holiday S	Shutdown
Technical Support	Requested	Yes	□No		
Other turn-around r	requirements?	Yes	☐No If yes, expl	ain	
□Hot  PRICING (Requir	rements of End	-User)	Planning		
	er Foot	-	_ ,		
PRICING (Requir  ☐ Material Price po	er Foot by:	Materials o	only		
PRICING (Requin  ☐ Material Price po  Report Completed    Name:	er Foot by:	Materials o	only		



## **Best Practices – Product Selection**

**RUST-OLEUM®** 

Collectively, these factors establish the required product assortment for installation.

- End-use requirements; installation, return to service, appearance and long-term performance
- Project Condition Survey results
- Good, Better and Best Considerations
- Installer experience
- Crew size





### Citadel Floor Finishing Systems – Product Benefits

- Easy, Consistent and Repeatable Installations
- Quick Return to Service
- Decorative Finishes bundled with Durable, Long Lasting Performance







# Questions?





### Thank you for Your Business!

