



LDL Precision Concrete Coatings

LDL Precision Coatings are designed to be durable, reliable and flawless.

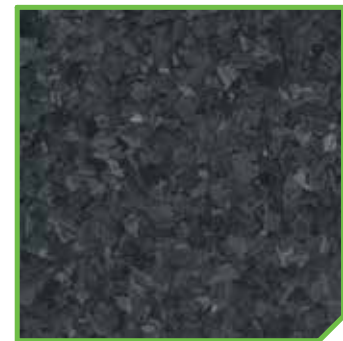
- LDL Coatings are blended with domestically sourced materials
- LDL Coatings are developed and tested in a full-service laboratory
- LDL Coatings are refined with in house testing
- LDL has the ability to mass customize coatings for specific project needs



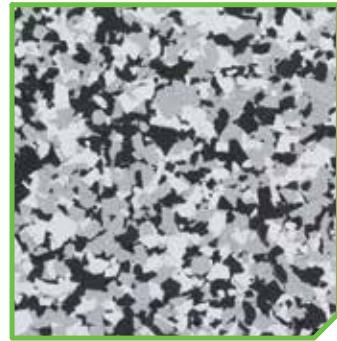
LDL Precision Coatings
1st Edition
WWW.LDLPrecisionCoatings.com



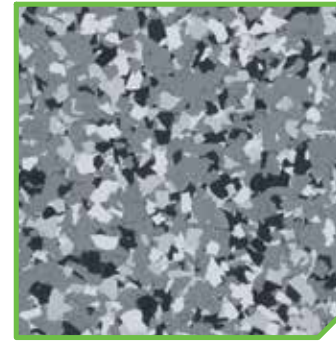
LDL Flake and Base Coat Color Chart In Stock Colors



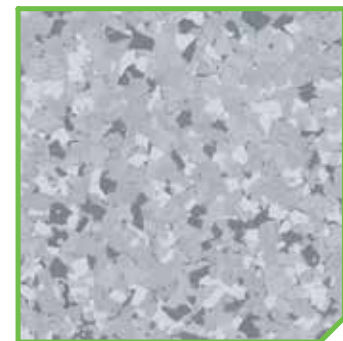
CARBON



DOMINO



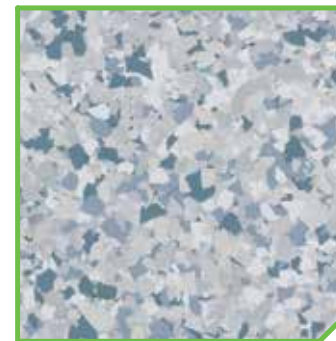
WOMBAT



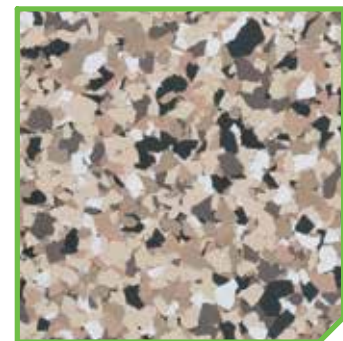
STARGAZER



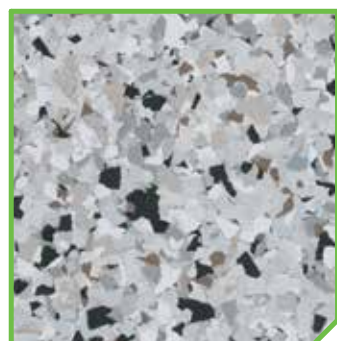
ORBIT



TIDAL WAVE



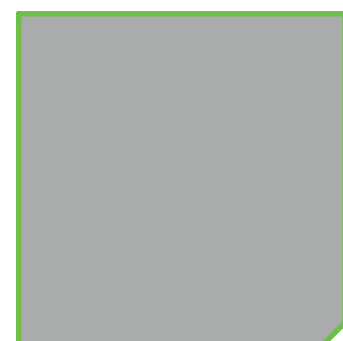
OUTBACK



COYOTE



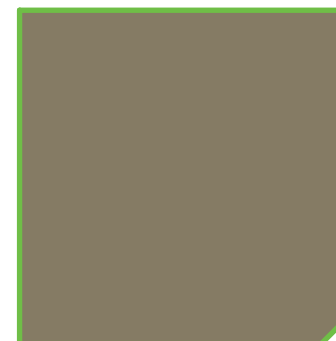
WAXWING



LIGHT GRAY



MEDIUM GRAY



TAUPE

Special Order Base Colors



SAFETY YELLOW



TILE RED



SAFETY RED



TAN



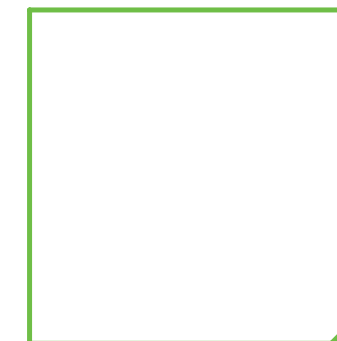
BROWN



ROYAL BLUE



BLACK



WHITE



CHOCOLATE



LDL Precision 100 Moisture Vapor Barrier “MVB”

ITEM: PC.100.MVB

Sold as a 3-gallon kit

LDL Precision 100 Moisture Vapor Barrier “MVB” epoxy coating is a two component; 100% solids epoxy designed especially for flooring applications subjected to high moisture emissions. The MVB epoxy coating is ideally suited for application on concrete. It has been optimized for faster cure and moisture vapor protection while minimizing surface defects typically associated with resinous coatings on high moisture containing slabs.

Benefits:

- 100% Solids
- VOC Compliant
- Convenient 2:1 mix ratio
- Excellent Adhesion
- Low temperature cure (45F)

Coverage:	100-150 square feet per gallon
Moisture Tolerance:	Capable of reducing moisture emissions levels up to 25lbs/1000 sqft/24hr
Working time:	15 minutes
Cure time:	8 hours



LDL Precision Coatings 100% Solids Epoxy / 100SE

ITEM: PC.100.EPOXY

Sold as a 3-gallon kit

LDL Precision Coatings 100% Solids Epoxy is a two component, low odor, epoxy designed especially for flooring applications subjected to moderate traffic and chemicals. 100SE epoxy coating is ideally suited for application on concrete. This coating is extremely durable, easily cleanable and exhibits good stain and chemical resistance.

Benefits:

- 100% Solids
- VOC Compliant
- ADA Compliant (with anti-skid)
- Convenient 2:1 mix ratio
- Excellent Adhesion
- Extraordinary chemical resistance
- Easy Maintenance
- Many color options available

Coverage:	100-150 square feet per gallon
Working time:	25minutes
Cure Time:	@ 70F 35mg: Dry to the touch 6-10 hours Return to service 24-48 hours

100SE Typical Use Areas:	Garages Airport Hangers Hospitals Clean rooms Pharmaceutical plants and laboratories Chemical processing facilities and warehouses
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LDL Precision Coatings

Rapidfire 75 Polyaspartic

ITEM: PC.RF.PA75 Clear | PC.RF.PA75.LGREY Light Grey | PC.RF.PA75.MGREY Medium Grey | PC.RF.PA75.TAUPE

Available in clear and pre-tinted with a light grey, medium grey or a taupe. Additional special-order colors are available.
Sold as a 2-gallon kit
Mix Ratio: 1:1

Rapidfire 75 Polyaspartic is a two component high solids polyaspartic designed to provide high gloss, UV stable (non-yellowing), high temperature resistance and chemical resistant protection. It is a superior, new generation product exhibiting an excellent balance of pot life, cure time, return to service and chemical resistance. It functions as a clear or pigmented high gloss finish for resinous decorative and industrial flooring systems including chip systems, quartz systems, topcoats for logos and slip resistant systems (with additive).

- Benefits:**
- Fast cure and return to service
 - Excellent pot life
 - VOC compliant
 - ADA compliant (slip coefficient greater than 0.6)
 - Excellent Adhesion
 - Extraordinary chemical resistance
 - Easy maintenance
 - Hot tire resistant (lab tested for hot tire resistance)
 - Wide range of application temperatures

Coverage:	200-250 ft/gal. When pouring on surface and applying with a 3/8" nap roller (do not over-roll and entrap air)
Coverage:	125-250 ft/gal. When applying with a flat trowel or notched squeegee achieving 6-12 mils of thickness, must back roll quickly to even out after trowel/squeegee application
Working time:	15-20 minutes
Cure time:	@ 75F and 50% relative humidity Tack Free in 1-2 hours Light Pedestrian Traffic after 2-4 hours Wheeled carts or cleaning with liquids after 8-12 hours Vehicle traffic after 24-48 hours Hot tire resistant after 48 hours Highly stain resistant after 48 hours Note: Thicker applications require longer cure times, lower temperatures also prolong cure times Note: 15 mils is the maximum recommended application thickness to avoid microbubbles and hazing

Rapid Fire 75 Typical Use Areas:

- Garages
- Airport Hangers
- Hospitals
- Clean rooms
- Pharmaceutical plants and laboratories
- Chemical processing facilities and warehouses



LDL Precision Coatings

Rapidfire 85 Polyaspartic

ITEM: PC.RF.PA85 Clear | PC.RF.PA85.LGREY Light Grey | PC.RF.PA85.MGREY Medium Grey | PC.RF.PA85.TAUPE

Available in clear and pre-tinted with a light grey, medium grey or a taupe. Additional special-order colors are available.
Sold as a 2-gallon kit
Mix Ratio: 1:1

Rapidfire 85 Polyaspartic is a two component high solids polyaspartic designed to provide high gloss, UV stable (non-yellowing), high temperature resistance and chemical resistant protection. It is a superior, new generation product exhibiting an excellent balance of pot life, cure time, return to service and chemical resistance. It has a very low odor and can be applied indoors in occupied areas. It functions as a clear or pigmented high gloss finish for resinous decorative and industrial flooring systems including chip systems, quartz systems, topcoats for logos and slip resistant systems (with additive).

- Benefits:**
- Fast cure and return to service
 - Excellent pot life
 - VOC compliant
 - ADA compliant (slip coefficient greater than 0.6)
 - Excellent Adhesion
 - Extraordinary chemical resistance
 - Easy maintenance
 - Hot tire resistant (lab tested for hot tire resistance)
 - Wide range of application temperatures

Coverage:	200-250 ft/gal. When pouring on surface and applying with a 3/8" nap roller (do not over-roll and entrap air)
Coverage:	125-250 ft/gal. When applying with a flat trowel or notched squeegee achieving 6-12 mils of thickness, must back roll quickly to even out after trowel/squeegee application
Working time:	10-15 minutes
Cure time:	@ 75F and 50% relative humidity Tack Free in 1-2 hours Light Pedestrian Traffic after 2-4 hours Wheeled carts or cleaning with liquids after 8-12 hours Vehicle traffic after 24-48 hours Hot tire resistant after 48 hours Highly stain resistant after 48 hours Note: Thicker applications require longer cure times, lower temperatures also prolong cure times Note: 15 mils is the maximum recommended application thickness to avoid microbubbles and hazing

Rapid Fire 85 Typical Use Areas:

- Garages
- Airport Hangers
- Hospitals
- Clean rooms
- Pharmaceutical plants and laboratories
- Chemical processing facilities and warehouses





LDL Precision Coatings

Rapidfire 97 Polyaspartic

ITEM: PC.RF.PA97 Clear | PC.RF.PA97.LGREY Light Grey | PC.RF.PA97.MGREY Medium Grey | PC.RF.PA97.TAUPE

Available in clear and pre-tinted with a light grey, medium grey or a taupe. Additional special-order colors are available.
Sold as a 2-gallon kit
Mix Ratio: 1:1

Rapidfire 97 Polyaspartic is a two component high solids polyaspartic designed to provide high gloss, UV stable (non-yellowing), high temperature resistance and chemical resistant protection. It is a superior, new generation product exhibiting an excellent balance of pot life, cure time, return to service and chemical resistance. It functions as a clear or pigmented high gloss finish for resinous decorative and industrial flooring systems including chip systems, quartz systems, topcoats for logos and slip resistant systems (with additive).

- Benefits:**
- Fast cure and return to service
 - Excellent pot life
 - VOC compliant
 - ADA compliant (slip coefficient greater than 0.6)
 - Excellent Adhesion
 - Extraordinary chemical resistance
 - Easy maintenance
 - Hot tire resistant (lab tested for hot tire resistance)
 - Wide range of application temperatures

Coverage:	200-250 ft./gl. When pouring on surface and applying with a 3/8" nap roller (do not over-roll and entrap air)
Coverage:	125-250 ft./gl. When applying with a flat trowel or notched squeegee achieving 6-12 mils of thickness, must back roll quickly to even out after trowel/squeegee application
Working time:	10-15 minutes
Cure time:	@ 75F and 50% relative humidity Tack Free in 1-2 hours Light Pedestrian Traffic after 2-4 hours Wheeled carts or cleaning with liquids after 8-12 hours Vehicle traffic after 24-48 hours Hot tire resistant after 48 hours Highly stain resistant after 48 hours Note: Thicker applications require longer cure times, lower temperatures also prolong cure times Note: 15 mils is the maximum recommended application thickness to avoid microbubbles and hazing

Rapid Fire 97 Typical Use Areas:

- Garages
- Airport Hangers
- Hospitals
- Clean rooms
- Pharmaceutical plants and laboratories
- Chemical processing facilities and warehouses



LDL WB Epoxy

ITEM: WB.EPOXY.5G

Sold as a 5-Gallon Kit
Mix Ratio: 4:1

LDL WB Epoxy is a two component, low odor, low VOC (<50g/l) water-based epoxy designed especially for flooring applications subjected to moderate traffic and chemicals. It is an ideal choice as a sealer providing excellent surface penetration and adhesion. The system is ideally suited for application on concrete. This coating is extremely durable, easily cleanable and exhibits good stain, chemical, and slip resistance with an extremely low odor

- Benefits:**
- VOC Compliant
 - ADA Compliant
 - Convenient 4:1 mix ratio
 - Excellent chemical resistance
 - Easy Maintenance
 - Many topcoat options available

Coverage:	400 Square Feet Per Gallon, if a higher thickness is required, use multiple coats of the WB Epoxy.	
Working Time:	30 Minutes	
Cure Time:	Dry to the touch	2-4 Hours
	Recoat	24 Hours
	Return to Service	36-48 Hours
Typical Use Areas:	Mechanical Rooms Machine Shops Heavy Industrial / Manufacturing Light Industrial / Commercial Automobile Repair Facilities Chemical Processing facilities and warehouses Loading Docks	





LDL Precision HD Urethane Cement Kit

ITEM: PC.HDUC

Sold as a kit that covers 55 Square Feet
Mix Ratio: 1 Gallon Part A, 1 Gallon Part B, 1 – 50 pound bag (3-component kit)

LDL Polyurethane Cement SL3 is a seamless self-leveling Urethane modified concrete topping. Ideal for medium to heavy duty traffic areas where thermal shock resistance is a requirement. LDL PUC SL3 exhibits excellent impact and chemical resistance. It is tolerant to moisture vapor emission on well-prepared concrete substrates. Its built-in textured surface reduces slipping under wet conditions. LDL PUC SL3 can be installed with an integral cove base for areas requiring seamless wall to floor systems. It will not support the growth of fungus or bacteria. Installing LDL PUC SL3 with a textured surface reduces slipping under most wet conditions. It is a smart choice for wet areas like those typically found in dairies, food processing areas, commercial kitchens, breweries, bakeries, etc.

Benefits:

- VOC Compliant
- ADA Compliant
- Excellent Adhesion
- Extraordinary chemical resistance
- Easy Maintenance
- Many color options available
- Can be applied to 7-14 day old concrete
- Mildew Resistant

Coverage:	55 Square Feet Per Kit	
Working Time:	30 Minutes	
Cure Time:	@ 70F(21 C)	
	Recoat	6-8 hrs
	Light Traffic	8-10 hrs
	Light Vehicular Traffic	16-24 hrs
	Heavy Traffic	24-48 hrs
	Return to Service	3-5 days

Typical Use Areas:

- Commercial Kitchens
- Food Processing
- Airport Hangers
- Clean Rooms
- Pharmaceutical Plants and Laboratories
- Chemical Processing Facilities and Warehouses
- Breweries / Distilleries
- Storage Facilities
- Light Manufacturing



LDL Precision Water-Based Urethane

ITEM: WB.2K.PLUS

Mix Ratio: 4:1
Sold as a 5-Gallon Kit

LDL Precision WB2K Plus is a two component, low odor, low VOC (<50g/l) water-based urethane designed especially for flooring applications subjected to moderate traffic and chemicals. It is ideally suited for application on concrete. This coating is extremely durable, easily cleanable and exhibits good stain and chemical resistance. It is available in a matte or gloss finish.

Benefits:

- VOC Compliant
- ADA Compliant
- Excellent Adhesion
- Extraordinary chemical resistance
- Easy Maintenance
- Color options available
- Available in Matte and Semi-Gloss Finish

Coverage:	400 square feet per gallon using a 3/8" nap roller	
Working Time:	45 Minutes	
Cure Time:	@ 70F(21 C)	
	Dry to the touch	2 hrs.
	Recoat time	6-18 hours
	Return to Service	36-72 hours

LDL Precision Water-Based Urethane typical use areas:

- Storage Facilities
- Light Manufacturing
- Warehousing
- Loading Docks
- Restrooms
- Grind and Seal
- Topcoat for Metallic Epoxy





LDL Coatings, Price Per Square Foot

PRODUCT NAME	SPREAD RATE	ESTMIATED PRICE PER SQUARE FOOT
MOISTURE VAPOR BARRIER	100 FT. PER GALLON	\$1.20
100% SOLIDS EPOXY UN-TINTED	100 FT. PER GALLON	\$.73
100% SOLIDS EPOXY TINTED	100 FT. PER GALLON	\$.86
RAPID-FIRE PIGMENTED POLYASPARTIC BASE COAT	175 FT. PER GALLON	\$.66
RAPID-FIRE CLEAR POLYASPARTIC TOP COAT	100 FT. PER GALLON	\$1.15
WB-EPOXY	400 FT. PER GALLON	\$.24
URETHANE CEMENT	55 FT. PER KIT	\$3.09
WATER-BASED URETHANE	400 FT. PER GALLON	\$.29
Standard Flake	200 FT. PER 40LB BOX FULL COVERAGE	\$.63
Carbon Flake	200 FT. PER 40LB BOX FULL COVERAGE	\$.68

*Estimated price per square foot does not include sales tax and freight cost nor any cove base coating.

When estimating, be sure to factor in your floor prep cost, as well as any crack filling and repairs that need to be done prior to coating the floor.

The above systems can be paired many different ways so remember to factor in each layer of coating including the MVB if needed and the proper top coat.



Avoiding Mistakes when Applying Coatings / Moisture Tester

- Be sure to provide an adequate surface profile for the selected coatings system to bond to. Inadequate surface preparation can lead to delamination. Most coatings require a CSP2-4 depending on the thickness of the coatings system being applied.
- Repair cracks and holes in the floor prior to applying coatings to get the best result and the maximum coverage.
- Ensure surfaces are completely dry before applying any coating.
- Make sure the slab temp is 55 degrees and rising.
- Always inspect the surface for moisture before application, performing an RH moisture test (see information below on moisture meter).
- Be sure to follow TDS sheets closely to ensure proper mixing times and ratios and the proper order of mixing individual components.
- Use the recommended application tools, correct fiber length for nap rollers, correct brushes, sprayers and so forth to ensure proper spread rate is achieved.
- Do not apply a coating thicker than what the TDS specifies, to achieve a thicker coating, apply multiple coats (being sure to hit the proper re-coat windows).
- When using pigmented coatings, stir pigment until it is evenly dispersed, make sure it is not settling at the bottom of your container.
- When storing coatings, be sure containers are properly sealed and store them within the recommended temperature windows. The closer to room temperature the better.
- When choosing the proper coating be sure to take into account humidity levels, temperature, exposure to chemicals and other environmental variables.
- Ensure compatibility with primers and other coatings in the system.
- Make sure area of install is quarantined off from outside debris or filth in the air that could contaminate the coating as it cures.
- We recommend pricing and clarifying phase count as multiple phases can make or break a project if not factored in.

ITEM: MOISTURE.METER

C555 Wagner Moisture Meter

The C555 Concrete Moisture Meter provides fast, non-destructive preliminary moisture measurements on smooth, firm concrete to help pinpoint problem areas and determine where to place Rapid RH? L6 Smart Sensors. Built-in sensors measure ambient temperature and relative humidity.

The included On-Demand Calibrator allows fast, easy user-calibration. A NIST-traceable version, with a certificate of calibration, can also be purchased.

With its built-in ambient sensors and On-Demand Calibrator, the C555 comes with everything you need to perform the test outlined in ASTM F2659.

Relative mode can be used on other materials such as concrete block.



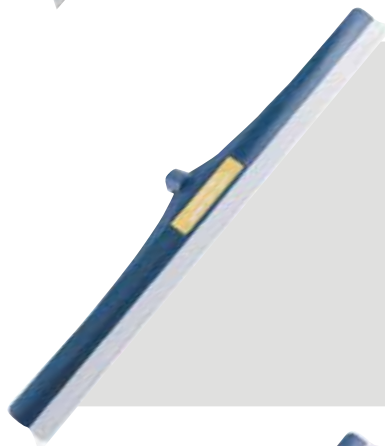


Rapid Fire Squeegee

For easy application of coatings at various thicknesses.



Item	Product Name
18.RF.FLAT.F	18" FLAT FLEXIBLE RAPID-FIRE SQUEEGEE
24.RF.FLAT.F	24" FLAT FLEXIBLE RAPID-FIRE SQUEEGEE
18.RF.FLAT.S	18" FLAT STIFF RAPID-FIRE SQUEEGEE
24.RF.FLAT.S	24" FLAT STIFF RAPID-FIRE SQUEEGEE



Item	Product Name
18.RF.5.7	18" RAPID-FIRE 5-7 MIL SQUEEGEE
24.RF.5.7	24" RAPID-FIRE 5-7 MIL SQUEEGEE



Item	Product Name
18.RF.8.12	18" RAPID-FIRE 8-12 MIL SQUEEGEE
24.RF.8.12	24" RAPID-FIRE 8-12 MIL SQUEEGEE



Item	Product Name
18.RF.15.20	18" RAPID-FIRE 15-20 MIL SQUEEGEE
24.RF.15.20	24" RAPID-FIRE 15-20 MIL SQUEEGEE

LDL Metal Frame / Notched Squeegees



Item	Product Name
18.SQUEEGEE.1/4	18" NOTCHED RUBBER SQUEEGEE WITH METAL FRAME
18.SQUEEGEE	18" REPLACEMENT RUBBER SQUEEGEE, 1/4" NOTCH
24.SQUEEGEE.1/4	24" NOTCHED RUBBER SQUEEGEE WITH METAL FRAME
24.SQUEEGEE	24" REPLACEMENT RUBBER SQUEEGEE, 1/4" NOTCH



Shedless Polyester Rollers / Roller Frames / Roller Trays and Liners



Item	Product Name
18.ROLLER	18" SHEDLESS POLYESTER ROLLER 3/8" NAP, ENDS ARE CUT AT A 45 DEGREE ANGLE TO REDUCE CHANCE OF ROLLER LINES (COMES WITH END CAPS)
6.ROLLER	6" SHEDLESS POLYESTER MINI ROLLER, 3/8" NAP WITH PLASTIC BUTTON ON THE SIDE TO KEEP OFF THE WALL, SOLD IN PACKS OF 6
18.FRAME	ROLLER FRAME FOR 18" ROLLER, ADJUSTABLE FROM 15" TO 20", MADE WITH ALUMINUM ALLOY FRAME
6.FRAME	ROLLER FRAME FOR 6" ROLLER, LONG STICK FRAME, 6"X17"



Item	Product Name
18.TRAY	18" PAINT TRAY



Item	Product Name
18.LINER	18" PAINT TRAY LINER

Chip Brushes / Nitrile Gloves / Blue Tape / Spike Roller for Coatings



Item	Product Name
4.CHIP	4" CHIP BRUSH STANDARD 100% NATURAL BRISTLES
4.CHIP.THICK	4" CHIP BRUSH, THICK TYPE, 100% NATURAL BRISTLES



Item	Product Name
GLOVES.L	L, 8 MIL NITRLE GLOVES, SOLD IN BOXES OF 100
GLOVES.XL	XL 8 MIL NITRLE GLOVES, SOLD IN BOXES OF 100

Item	Product Name
2.TAPE.BLU	BLUE MASKING TAPE, 2" X 55 YARD
18.SPIKE.ROLLER	45CM DOUBLE ARM SPIKE ROLLER, 11MM NEEDLES

Measuring Cups / Mixing Paddles

ITEM	DESCRIPTION
	160 OZ MIXING / MEASURING CUP
160.OZ.CUP	
	80 OZ MIXING / MEASURING CUP
80.OZ.CUP	
	48 OZ MIXING / MEASURING CUP
48.OZ.CUP	
	1-GALLON MIXING PADDLE
PAD.MIX.1	
	5-GALLON MIXING PADDLE
PAD.MIX.5	

Spike Shoes

Item	Product Name
SPIKE.SHOE.M	MEDIUM SLIP-ON SPIKE SHOE, BEST FITS SIZE 8-9
SPIKE.SHOE.L	LARGE SLIP-ON SPIKE SHOE, BEST FITS SIZE 10-11
SPIKE.SHOE.XL	EXTRA LARGE SLIP-ON SPIKE SHOE, BEST FITS SIZE 12-16

