



# **METZGER/McGUIRE**

**INDUSTRY STANDARD  
CONCRETE FLOOR JOINT  
FILLERS & REPAIR PRODUCTS**

## **PRODUCT CATALOG**

**EPOXY JOINT FILLERS**

**POLYUREA JOINT FILLERS**

**CONCRETE REPAIR PRODUCTS**

**ACCESSORIES**



METZGER/McGUIRE

### *A Note about Metzger/McGuire Floor Joint Protection & Repair Systems*

For more than 45 years, Metzger/McGuire has been the industry leader in developing joint protection and repair systems and for concrete floors. Our Heavy Duty Semi-Rigid Epoxy Joint Filler, MM-80, was the industry's first semi-rigid epoxy joint filler and set the standards by which all joint fillers are evaluated today.

Since the creation of our MM-80 Semi-Rigid Joint Filler, many industry changes have occurred which have had a direct impact on semi-rigid fillers. Changes in the material handling industry - to smaller wheels and heavier loading - changes in floor construction techniques such as joint spacing and finishing practices, and changes in construction schedules, including fast track buildings and multi-use spaces, have all lead to the need for continual evolution and innovation in floor joint filler technology.

At Metzger/McGuire, we have always done our best to anticipate, monitor and evaluate change and to adjust our products or develop new ones to meet the industry's ever evolving needs. As a recognized industry leader with a singular focus on joint fillers and concrete repair products, we take our obligation to the industry seriously. Providing "industry standard" products is the foundation of our company. Pairing these products with unequalled technical support, field support and customer service is the only way we know how to do things. Satisfying the building owner's long term floor protection needs is critical to our ongoing success and to ensuring that we remain "Known by the Floors We Protect."

While Metzger/McGuire began as a company serving the needs of the industrial concrete floor market, stained and polished concrete floors have quickly become the fastest growing segment of our business and our product development track. Even in industrial floors, increasingly "concrete gray" is no longer an acceptable color compromise for most facility owners. With the development of the ColorFast line of color options for our joint fillers and concrete repair products, Metzger/McGuire was on the forefront of providing contractors and facility owners with the tools to address any and all surface defects or interruptions in the floor surface with a dual focus on aesthetics and durability.

Today the ColorFast line includes multiple products available in 72 Standard Colors and unlimited custom colors. From the start we made the decision to require very modest minimum quantities for colored materials - as few as six cartridges - to ensure that our customers could provide color matched materials to their clients no matter how small the project might be. We also made a commitment to turn orders around for colored materials with unprecedented speed as we know that contractors are often asked to come up with solutions at the last minute.

When a facility owner chooses a stained and/or polished concrete floor over a competitive flooring system, our view is that all of us in the concrete industry win. Delivering a quality finished product with proper joint filling, matching surface repairs and the appropriate polishing steps all help to reinforce in the owner's mind that he/she made a good decision. "One size fits all" products and color choices won't accomplish that. The concrete polishing industry deserves better.

If allowed the opportunity to partner with you on your next concrete floor project, rest assured you can place your confidence and trust in the entire Metzger/McGuire team to do everything in our power to meet or exceed your expectations and to provide you with the best floor joint protection systems the industry has to offer. We sincerely appreciate your trust in our products and people.

Your Partner in Floor Protection,

Scott Metzger  
President

800-223-MM80 P.O. Box 2217 Concord, NH 03302 [www.metzgermcguire.com](http://www.metzgermcguire.com)

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Low Emitting Adhesive/Sealant/Filler Complies with:



- BD&C, ID&C
- The WELL Building Standard
- ANSI/GBI 01, Green Building Assessment Protocol
- Green Guide for Healthcare V2.2

1-800-223-6680

**SPAL-PRO**

**RS 65**

Semi-Rigid Polyurea Joint Sealant

**Semi-Rigid Polyurea Joint Sealant  
for Retail/Commercial Concrete Floors**



Item#	Unit
MMRS65-600	600 ml
MMRS65-10	10 gallons
MMRS88-65-CP	Color Pack

### ADVANTAGES

- At 70°F (21°C) **Spal-Pro RS 65** can be opened to pedestrian traffic in as little as (30) minutes and full traffic in (60) minutes.
- **Spal-Pro RS 65's** anti-microbial additives inhibit the growth of microbes such as viruses, bacteria or fungi.
- **Spal-Pro RS 65** maintains a consistent color profile and resists fading and other discoloration under normal conditions.
- Unlike most sealants, **Spal-Pro RS 65** should not smear under most concrete grinding/polishing conditions, and its rapid-set properties allow for grinding/polishing operations to commence as early as 6 hours after filler placement.
- **Spal-Pro RS 65's** lower Shore A hardness provides greater lateral movement capability to reduce the occurrence of filler separation voids normally associated with semi-rigid joint fillers when concrete shrinkage/joint opening occurs.

**Spal-Pro RS 65** was developed to seal floor joints in commercial/retail exposed concrete floors that are subject to pedestrian/cart traffic and very limited material handling traffic.

### TECHNICAL PROPERTIES

	TEST METHOD	RESULTS
HARDNESS, SHORE "A" @ 70°F	D-2240	A64-69
INITIAL GEL TIME	-	50 SEC.
FULL GEL TIME	-	2 MINS.
PEDESTRIAN TRAFFIC	-	30 MINS.
INITIAL SHAVE TIME	-	1 HOUR
INITIAL GRINDING/POLISHING	-	6 HOURS
TENSILE ELONGATION*(@ 70°F)	D-412	162%
TENSILE STRENGTH (@ 70°F)	D-412	393 psi
MIX RATIO (by vol.)	-	1:1
SOLIDS CONTENT	-	100%
SHRINKAGE	-	Negligible

# EDGE-PRO 80

SEMI-RIGID POLYUREA JOINT FILLER

**Moderate-Duty, Semi-Rigid Polyurea Joint Filler for Retail and Warehouse Concrete Floors**



Item#	Unit
MMEP80-600	600 ml
MMEP80-10	10 gallons
MMEP80-CP	Color Pack

**Edge-Pro 80** was developed to fill and protect joints in exposed concrete retail floors and in moderate-duty warehouse concrete floors. Its primary function is to protect joint edges from spalling under material handling vehicle traffic. **Edge-Pro 80** is intended for use where final operating temperatures are from -20°F (-29°C) to + 120°F (49°C).

#### TECHNICAL PROPERTIES

	TEST METHOD	RESULTS
HARDNESS, SHORE A @ 70°F	D-2240	80-81
TENSILE STRENGTH	D-638	505 psi
TENSILE ELONGATION	D-638	152%
VISCOSITY PART A POLYOL	-	1535 cP
VISCOSITY PART B ISO	-	2500 cP
TACK FREE @ 70°F	-	3 minutes
GEL TIME @70°F	-	35 seconds
TRAFFIC READY @70°F	-	1 hour
MIX RATIO (BY VOL.)	-	1:1

#### Available in these Colors



*Important Note: Colors shown are representational only and may not render accurately depending upon viewing and/or printing source. Cured material samples for all colors are available upon request at no cost for use in matching and selecting the proper color for your floor project.*

#### ADVANTAGES

- Finishes flusher with the floor surface. **Edge-Pro 80's** chemistry permits for a wide shave window (15 minutes to 24 hours) in which the installer can razor off overfill and achieve a consistently flush profile with floor surface.
- Will not react with moisture. **Edge-Pro 80's** special adhesion enhancers permit adhesion to damp substrates with minimal compromise as compared to dry substrates.
- Maintains a consistent color Profile. **Edge-Pro 80** resists fading or discoloration under normal conditions.
- **Edge-Pro 80** is ideal for use in stained/polished concrete floor. **Edge-Pro 80** can be ground and polished as early as 3 hours after placement with no product smearing.
- **Edge-Pro 80** is Non-Staining. In normal slab surface conditions, **Edge-Pro 80** does not exhibit residual concrete staining/shadowing often associated with semi-rigid joint fillers.

**SPAL-PRO**  
**RS 88**  
 Semi-Rigid Polyurea Joint Filler

**The Industry Standard  
 Heavy-Duty Semi-Rigid Polyurea  
 Joint Filler for Industrial and  
 Retail Concrete Floors**



Item#	Unit
MMRS88-600	600 ml
MMRS88-10	10 gallons
MMRS88-65-CP	Color Pack
MMRS88-FP	Fast Pack

**ADVANTAGES**

- **Spal-Pro RS 88's** higher shore hardness provides greater edge protection and support than softer polyureas.
- At 70°F (21°C) **Spal-Pro RS 88** can be opened to full traffic in as little as (60) minutes and light traffic in (30) minutes.
- **Spal-Pro RS 88** maintains a consistent color profile and resists fading and other discoloration under normal conditions.
- **Spal-Pro RS 88** does not exhibit residual concrete staining often associated with semi-rigid fillers. (In normal slab surface conditions).
- **Spal-Pro RS 88** can be used to fill joints and cracks in polished concrete floors, and will not smudge or smear during grinding/polishing.

**Spal-Pro RS 88** was developed to fill and protect joints in trafficked industrial and retail concrete floors. Its primary function is to support such traffic and protect joint edges. **Spal-Pro RS 88** is intended for use where final temperatures are from 32°F (0°C) to +120°F (49°C).

**TECHNICAL PROPERTIES**

	TEST METHOD	RESULTS
HARDNESS, SHORE "A" @ 70°F	D-2240	A86-90
TENSILE STRENGTH	D-638	970 PSI
TENSILE ELONGATION*(@ 70°F)	D-638	180%
ADHESION TO CONCRETE	D-4541	350-400 PSI
TACK FREE @ 70°F	-	5 Minutes
TRAFFIC READY @ 70° F	-	1 Hour
MIX RATIO (by vol.)	-	1:1
SOLIDS CONTENT	-	100%
SHRINKAGE	-	Negligible

\*This property provided only for comparison with other polyureas. Elongation is not an indication of expansion capability.



**The Heavy-Duty Polyurea Joint Filler for Cooler/Freezer Industrial Concrete Floors**



**APPLY DOWN TO -30°F!**

Item#	Unit
MMRSF-1500	1500 ml
MMRSF-10	10 gallons

**Spal-Pro RSF** was developed to fill and protect joints in cooler/freezer concrete floors that are subject to hard wheels and heavy loads. Its primary function is to support such traffic and support joint edges. **Spal-Pro RSF** is designed for use in areas where final temperatures are from 120°F (49°C) to -30°F (-35°C).

**TECHNICAL PROPERTIES**

	TEST METHOD	RESULTS
HARDNESS, SHORE "A" @ 0°F	D-2240	A92-94
HARDNESS, SHORE "A" @ 70°F	D-2240	A88-92
TENSILE ELONGATION*(@ 0°F)	D-638	170%
ADHESION TO CONCRETE	D-4541	350-400 PSI
TACK FREE @ 0°F	-	2 Hours
TRAFFIC READY @ 0° F	-	3-5 Hours
MIX RATIO (by vol.)	-	1:1
SOLIDS CONTENT	-	100%
SHRINKAGE	-	Negligible

\*This property provided only for comparison with other polyureas. Elongation is not an indication of lateral expansion capability.

**ADVANTAGES**

- **Spal-Pro RSF** is Rated "Heavy-Duty" Unlike flexible polyureas, **RSF's** higher shore hardness provides greater edge protection and support.
- **Spal-Pro RSF** is "Rapid-Setting" At 0°F (-18°C) **RSF** can be opened to construction traffic in as little as (3) three hours after placement.
- **Spal-Pro RSF** Will Not Become Brittle Even at temperatures far below freezing, **RSF** retains its hard, rubber-like character.
- **Spal-Pro RSF** is a "Superior Formulation" You get consistent cure and quality in demanding freezer/cooler environments.
- **Spal-Pro RSF** Comes with a "Legacy" For 40+ years, Metzger/McGuire has been the unequalled leader in floor joint protection technology and technical/field services and support.

# MM-80

The Industry Standard

# MM-80

1:1 for Dual-Component Pumps



## The Industry Standard Heavy-Duty Semi-Rigid Epoxy Joint Filler for Class 6-9 Industrial Concrete Floors

**1:1 RATIO  
FOR PUMPS!**

Item#	Unit
MMMM80-1	1 gallon
MMMM80P-10	10 gallons



**MM-80** was developed to fill and protect joints in industrial concrete floors that are subject to hard wheeled material handling traffic and heavy loads. Its primary function is to support such traffic and protect joint edges. **MM-80** is designed for use in areas where final temperatures are from 40°F (10°C) to +120°F (49°C). It is also ideal for joint and crack repair.

### TECHNICAL PROPERTIES

	TEST METHOD	RESULTS
HARDNESS, SHORE "A" @ 70°F	D-2240	A90-95
TENSILE STRENGTH	D-638	1300 PSI
TENSILE ELONGATION*(@ 70°F)	D-638	45-55%
ADHESION TO CONCRETE	D-4541	300-350 PSI
POT LIFE @ 70°F	-	15-30 MINS.
INITIAL CURE @ 70°F	-	6-8 HOURS
LIGHT TRAFFIC READY @ 70°F	-	6-8 HOURS
FULL TRAFFIC READY @ 70°F	-	8-12 HOURS
MIX RATIO (by volume)	-	5:1
MIX RATIO (by weight)	-	100:15
SOLIDS CONTENT	-	100%
SHRINKAGE	-	Negligible

### ADVANTAGES

- **MM-80's** superior formulation yields sufficient rigidity to support loads crossing joints, protecting edges from spalling, and sufficient resiliency to prevent brittleness throughout the floor's life.
- **MM-80** exhibits low range tensile and adhesive strengths, characteristics necessary to allow the joints to open as the concrete shrinkage progresses.
- **MM-80's** relative hardness has been gradually increased through the years to reflect increasing demands on floors created by heavier loads and smaller, harder vehicle wheels.
- **MM-80** is the joint filler upon which ACI and PCA standards are based. You can specify and use **MM-80** with the confidence that comes from a project-proven track record of more than 40 years, and with the knowledge that you are relying on the best floor joint protection available in the industry.





## Heavy-Duty, Semi-Rigid Polyurea Joint Filler for Class 6-9 Industrial Concrete Floors



Item#	Unit
MMEP90-600	600 ml
MMEP90-10	10 gallons



### ADVANTAGES

- **Edge Pro 90's** chemistry permits for a wider shave window in which the installer can razor off overfill and achieve a consistently flush profile with floor surface.
- **Edge-Pro 90** is less reactive to moisture than comparable polyurea fillers and its special adhesion enhancers permit better adhesion to moist substrates with minimal compromise as compared to dry substrates.
- **Edge-Pro 90** maintains a consistent color profile and resists fading, yellowing or other discoloration under normal conditions.
- **Edge-Pro 90** is the first heavy duty polyurea to provide comparable properties and durability to our Industry Standard **MM-80** and **MM-80P** Heavy Duty Epoxy Joint Fillers. Additional benefits include rapid access time to floor areas, reduced material loss through joint shrinkage crack, and no heating of the material is required during the overfill removal operation.

**Edge-Pro 90** was developed to fill and protect joints in heavy duty industrial concrete floors subjected to frequent and demanding traffic. Its primary function is to protect joint edges from spalling under material handling vehicle traffic. **Edge-Pro 90** is intended for use where final operating temperatures are 20°F (-7°C) to 120°F (49°C).

### TECHNICAL PROPERTIES

	TEST METHOD	RESULTS
HARDNESS, SHORE A @ 70°F	D-2240	90-92
TENSILE STRENGTH	D-638	920 psi
TENSILE ELONGATION	D-638	238%
ADHESION TO CONCRETE	D-4541	300-350 psi
VISCOSITY PART A POLYOL	-	1535 cP
VISCOSITY PART B ISO	-	2500 cP
TACK FREE @ 70°F	-	10-15 minutes
GEL TIME @70°F	-	45-50 seconds
TRAFFIC READY @70°F	-	45 minutes
MIX RATIO (BY VOL.)	-	1:1



## The Industry Standard Heavy-Duty Polyurea Repair Polymer for Industrial Concrete Floors



Item#	Unit
MMSP2000-450	450 ml
MMSP2000-900	900 ml
MMSP2000-15	15 gallons

### ADVANTAGES

- "Heavy-Duty". Unlike other flexible polyureas, it will not deflect under loads, allowing joint edges to deteriorate (spall).
- You can expose **Spal-Pro 2000** to moderate traffic loads in fifteen (15) minutes and full, heavy traffic in thirty (30) minutes.
- **Spal-Pro 2000** is can be used in coolers/freezers down to minus 20°F (-29°C), in ambient settings or at temperatures up to 120°F (49°C), all with equally successful results.
- **Spal-Pro 2000** is a consistent cure and quality in all environments; no uncured strips, no soft, hard spots as with some other polyureas.

**Spal-Pro 2000** is ideal for the repair of spalled joints, filling random cracks and patching gouges, holes and surface defects, etc. **Spal-Pro 2000** can also be used to fill and protect joints in industrial concrete floors that are subject to hard wheels and heavy loads. Its primary function is to support such traffic without deflecting. **Spal-Pro 2000** can be used in ambient or freezer applications.

### TECHNICAL PROPERTIES

	TEST METHOD	RESULTS
HARDNESS, SHORE "A"	D-2240	95 (-0, +5)
HARDNESS, SHORE "D"	D-2240	50 (-0, +5)
TENSILE STRENGTH	D-638	2850 PSI
ADHESION TO CONCRETE	D-4541	350 PSI
TACK FREE @ 65°F (18°C)	-	3 - 5 MINS.
LIGHT TRAFFIC READY @ 65° F	-	15 MINS.
FULL TRAFFIC READY @ 65° F	-	30 MINS.
MIX RATIO (by vol.)	-	2:1
SOLIDS CONTENT	-	100%
SHRINKAGE	-	Negligible



## Rapid-Set Surface Restoration Polymer for Retail and Warehouse Concrete Floors

With SRG

Without SRG



Item#	Unit
MMSRG-2	2 gallons
MMSRG10	10 gallons
MMSRG-CP	Color Pack



**SRG** was developed to fill/repair concrete floor surface imperfections such as air holes, popouts, surface pitting, scratches and gouges, etc.

### Viscosity Profile

Part A.....	199 cps
Part B.....	178 cps
Mixed.....	190 cps

### Reaction Profile

Pot life.....	5 minutes
(100 grams at 74°F)	
Working time (on floor).....	5-8 minutes
Tack-Free Time.....	20-30 minutes
Grindable.....	40 minutes

### Typical Physical Properties

Shore D Hardness.....	70-75
Compressive Strength (ASTM D-638), psi.....	4767
Tear Strength (ASTM D-624), psi.....	284
Tensile Strength (ASTM D-412), psi.....	4184
Elongation (ASTM D-412), %.....	2.8
VOC Content.....	47 g/l
Mix Ratio by Volume.....	1:1
Odor.....	Minimal
Shrinkage.....	Negligible

*Important Note: Colors shown are **representational only** and may not render accurately depending upon viewing and/or printing source. Cured material samples for all colors are available upon request at no cost for use in matching and selecting the proper color for your floor project.*

### ADVANTAGES

- Available in 12 colors to best camouflage floor surface pitting and surface imperfections
- Rapid-set formula allows for quick access to floor areas and grinding as early as 1 hour after application (@70°)
- Low viscosity allows for penetration into very small surface pits and imperfections
- Yields a smoother, denser floor surface
- 95% solids, minimal odor formula

### Available in these Colors





## Rapid Set Surface Restoration Polymer for Retail and Warehouse Concrete Floors



Item#	Unit
MMRRPG-1500	1500 ml



Before

After

**Rapid Refloor Pit Grout** was developed to fill/repair concrete floor surface imperfections such as air holes, popouts, surface pitting, scratches and gouges, etc. It can also be blended with dry aggregate to produce a repair mortar for various concrete deficiencies.

### ADVANTAGES

- Available in 72 **ColorFast** colors to best camouflage floor surface pitting and surface imperfections
- Rapid-set formula allows for quick access to floor areas and grinding as early as 45 minutes after application
- Low-viscosity allows for penetration into very small, micro-level surface pits and imperfections
- Yields a smoother, denser floor surface
- Can increase surface DOI and gloss
- 100% solids, minimal odor formula

### Viscosity Profile

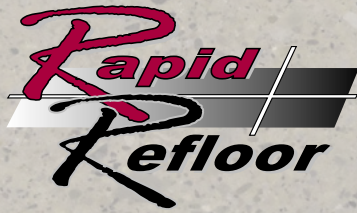
Part A .....	228 cps
Part B .....	50 cps
Mixed.....	139 cps

### Reaction Profile

Pot life in Mixing Nozzle (70°F/21°C). 1-1.5 minutes <i>(Thin Film, 70°F/21°C Sample)</i>	
Working time.....	3-4 minutes
Tack Free Time.....	15 minutes
Grindable .....	45 minutes

### Typical Physical Properties

Shore D Hardness .....	70-75
Compressive Strength (ASTM D-638), psi.....	3550
Tensile Strength (ASTM D412), psi.....	5100
Elongation (ASTM D412), %.....	7.0-9.0
Die C Tear Strength (ASTM D624), pli.....	380
Mix Ratio by Volume .....	1:1
Odor.....	Minimal
Shrinkage.....	Negligible



## Fast-Set Low Viscosity Structural Concrete Repair Product

**TRAFFIC  
READY IN 15-30  
MINUTES**

Item#	Unit
MMRR-250	250 ml
MMRR-600	600 ml



**Rapid Refloor** was developed to repair random cracks and surface spalls/popouts and other surface defects in retail and industrial concrete floors that are subject to wheeled traffic.

**Rapid Refloor** is designed for use in concrete floors where final building temperatures are 32°F (0°C) to +120°F (49°C).

### ADVANTAGES

- Permanent, durable structural concrete repair in minutes
- Ready for traffic in 15 - 30 minutes
- Can be ground flush with floor in 25 minutes.
- **Rapid Refloor's** low viscosity allows for penetration into cracks as narrow as 1/64" (.016" or .40 mm)
- Unlike many low-viscosity structural repair products, **Rapid Refloor** is virtually odorless
- **Rapid Refloor** is non-hazardous and can be shipped overnight by air carrier

### Viscosity Profile

Part A .....	120 cps
Part B .....	70 cps
Mixed.....	100 cps

### Reaction Profile

(100 grams, 74°F/23°C Sample)

Gel Time, minutes.....	1-1.25
Tack-Free Time, minutes.....	5-8
Traffic Ready, minutes .....	15-30

### Typical Physical Properties

Shore D Hardness .....	70-75
Compressive Strength (ASTM D-638), psi.....	4000
Tensile Strength (ASTM D412), psi.....	5500
Elongation (ASTM D412), %.....	6.0-8.0
Die C Tear Strength (ASTM D624), pli.....	400
Mix Ratio by Volume .....	1:1
Odor .....	Odorless
Shrinkage.....	Negligible

**Available in 72 Colors to best match your floor.**



## Extended Potlife Rapid-Setting Structural Concrete Repair Product



**HAND MIX FORMULA**



Item#	Unit
MMRRXP-2	2 gallons
MMRRXP-10	10 gallons

**Rapid Refloor XP** was developed to repair a wide range of surface defects in industrial or stained/polished concrete floors including surface spalls/popouts, surface pitting, bolt-holes, random cracks and more. **Rapid Refloor XP** is designed for use in industrial or stained/polished concrete floors where final building temperatures are 32°F (0°C) to +120°F (49°C).

### ADVANTAGES

- Permanent, durable, structural concrete repair in minutes. Ready for traffic in 60-120 minutes depending on application **Rapid Refloor XP's** low viscosity allows for penetration into cracks as narrow as 1/64" (.016 or .40 mm) and micropits in the floor surface
- Unlike many low viscosity structural repair products, **Rapid Refloor XP** is virtually odorless
- **Rapid Refloor XP** is non-hazardous and can be shipped overnight by air carrier
- When used as a grouting product, **Rapid Refloor XP** can enhance floor surface continuity and gloss
- **Rapid Refloor XP** can be mixed with aggregate to extend yield and provide better blended repairs

### Viscosity Profile

Part A.....	640 cps
Part B.....	40 cps
Mixed.....	340 cps

### Reaction Profile

(100 grams, 74°F/23°C Sample)

Pot life.....	3 <sup>1/2</sup> -4 minutes
Tack Free Time.....	5-8 minutes
Traffic Ready.....	60-120 minutes

### Typical Physical Properties

Shore D Hardness.....	75-80
Compressive Strength (ASTM D-695), psi....	4190
Tensile Strength (ASTM D638), psi.....	4300
Elongation at break (ASTM D638), %.....	14-18
Mix Ratio by Volume.....	1:1
Odor.....	Odorless
Shrinkage.....	Negligible



## Early-Set Structural Epoxy Mortar Kit for Repairing Concrete Floors



Item#	Unit
MMAH-1	1 gallon liquid only
MMAH-K	2.3 gallon Kit

**Armor-Hard** is available in two primary versions: **Armor-Hard Liquid** or **Kit** - Early-Set properties (faster than standard structural epoxies, slower than Extreme), use limited to temperatures of 50°F +. **Armor-Hard Extreme Liquid** or **Kit** - Quick-set properties, multiple temperature applications. Typical Use: As a mortar; Spall repair/rebuilding of joint shoulders. As a topping for delaminated slabs. Fill in holes, gouges, ruts, popouts. Repair broken slab panel corners.

### ADVANTAGES

- Early set allows for:
  - Pedestrian/construction traffic in 3-4 hours
  - Grinding/sanding in 3-4 hour
  - Hard wheeled traffic in 8 hours or less (at 70°F)
- USDA/FDA acceptable
- Superior impact, wear and chemical resistance
- Excellent abrasion resistance
- Very low odor once blended
- Kits available in 4 colors

### TECHNICAL PROPERTIES

The following properties are for the installed mortar using aggregate blend provided in Metzger/McGuire's **ARMOR-HARD KIT**.

Compressive Strength .....	10,500 psi
Tensile Strength .....	1,400 psi
Flexural Strength .....	3,700 psi
Adhesive Strength .....	Concrete breaks
Shore Hardness (D) .....	D86+
Solids Content .....	100%
Working Time (as mortar).....	30-35 mins. @ 70°F
Initial Set.....	3-4 hrs. @ 70°F
Grindable Time.....	3-5 hrs. @ 70°F
Foot Traffic Ready .....	3-5 hrs. @ 70°F
Heavy-Duty Traffic.....	4-8 hrs. @ 70°F
Color, Mixed, Of Liquid. ....	Translucent/clear*
Mix Ratio, By Volume.....	4A:1B

*\*Mortar color will be aggregate color*

# FLOOR JOINT FILLERS FOR CONCRETE FLOORS

For more than 45 years, Metzger/McGuire has been the world leader in concrete floor joint protection systems. From MM-80, the industry's first and widely acknowledged industry standard heavy-duty epoxy joint filler, to the cutting edge Spal-Pro and Edge-Pro lines of rapid-setting polyurea joint fillers, you can rely on Metzger/McGuire joint fillers to provide superior joint edge protection and to enhance the long term durability of your industrial or retail floor.

PRODUCT													
	NEW CONSTRUCTION		NEW CONSTRUCTION		NEW CONSTR./REPAIR		NEW CONSTR./REPAIR			NEW CONSTR./REPAIR		NEW CONSTR./REPAIR	
APPLICATION RANGE	Ambient	Cooler	Ambient	Cooler	Ambient	Cooler	Ambient	Cooler	Freezer	Ambient		Ambient	Cooler
PRODUCT DESCRIPTION	Rapid-Set Semi-Rigid Polyurea Joint Sealant		Moderate-Duty Semi-Rigid Polyurea Joint Filler		Rapid-Set Semi-Rigid Polyurea Joint Filler		Low-Temp Semi-Rigid Polyurea Joint Filler			Heavy-Duty Semi-Rigid Epoxy Joint Filler		Heavy-Duty Semi-Rigid Polyurea Joint Filler	
TYPICAL USES	Seal control and construction joints in retail and commercial concrete floors. Repair active cracks exceeding 1/8" in width.		Fill and protect joints in exposed concrete retail floors and in moderate-duty warehouse concrete floors.		Fill or repair control and construction joints in industrial and retail concrete floors. Repair active cracks exceeding 1/8" in width.		Fill and protect joints in freezer/cooler or ambient concrete floors subject to hard wheels and heavy loads.			Fill and protect joints in heavy duty industrial concrete floors subjected to frequent and demanding traffic. Repair joint deterioration.		Fill and protect joints in heavy duty industrial concrete floors subjected to frequent and demanding traffic. Repair joint deterioration.	
SHORE HARDNESS	A 64-69		A 80-81		A 86-90		A 88-94			A 90-95		A 90-92	
TENSILE STRENGTH	393 psi		505 psi		970 psi		930 psi			1200 psi		920 psi	
TENSILE ELONGATION	162%		152%		180%		170%			80-90%		238%	
ADHESION TO CONCRETE	350-400 psi		350-400 psi		350-400 psi		350-400 psi			300-350 psi		300-350 psi	
APPLICATION METHOD	Dual Pump or Cartridge		Dual Pump or Cartridge		Dual Pump or Cartridge		Dual Pump or Cartridge			Dual Pump or Hand Mix		Dual Pump or Cartridge	
POT LIFE	NA-No Hand Mix		NA-No Hand Mix		NA-No Hand Mix		NA-No Hand Mix			10-15 minutes		NA-No Hand Mix	
TACK FREE AT 70°F	10-15 minutes		3 minutes		5 minutes		30 minutes (at 32° F)			5 hours		10-15 minutes	
FULL TRAFFIC READY	30-60 minutes		1 hour		1 hour		3-5 hours (at 32° F)			8-12 hours		45 minutes	
COLORFAST	Yes		Yes		Yes		No			No		Yes	
MIX RATIO	1:1 by Volume		1:1 by Volume		1:1 by Volume		1:1 by Volume			1:1 by Volume		1:1 by Volume	
AVAILABLE PACKAGING	600 ml dual cartridge 10 gallon unit		600 ml dual cartridge 10 gallon unit		600 ml dual cartridge 10 gallon unit		1500 ml dual cartridge 10 gallon unit			1 gallon unit (MM-80) 10 gallon unit		600 ml dual cartridge 10 gallon unit	




**When it comes to concrete floor joint fillers and repair products, "standard gray" is no longer the only color standard...**





# RAPID SET CONCRETE FLOOR REPAIR PRODUCTS

No one offers more innovative and durable repair solutions for industrial and polished concrete floors than Metzger/McGuire. Our rapid-setting repair products offer unequalled long-term durability with fast access times, thus ensuring minimal interruption to facility operations. All Metzger/McGuire products are 100% solids with no/minimal odor for safe and hassle free installation in all types of facilities.

																				
REPAIR			REPAIR			REPAIR			REPAIR			REPAIR			REPAIR					
Ambient	Cooler	Freezer	Ambient			Ambient			Ambient	Cooler	Ambient		Ambient		Cooler					
Rapid-Set Semi-Rigid Polyurea Joint Polymer			Rapid-Set Surface Restoration Polymer			Fast-Set Low Viscosity Surface Repair Product			Fast-Set Low Viscosity Structural Repair Product			Fast-Set Extended Pot Life Structural Repair Product			Early-Set Structural Epoxy Mortar			Quick-Set Multi-Temp Structural Epoxy Mortar		
Repair control/construction joints and cracks in ambient or freezer/cooler concrete floors.			Fill/repair concrete floor surface imperfections such as air holes, popouts, surface pitting, scratches and gouges, etc.			Structurally repair concrete Fill/repair concrete floor surface imperfections such as air holes, popouts, surface pitting, scratches and gouges, etc.			Structurally repair concrete surface defects, including popouts, gouges, nail holes, etc. Repair static cracks less than 1/8" wide.			Repair surface defects in industrial or stained/polished concrete floors including surface spalls/popouts, surface pitting, bolt-holes, random cracks and more.			Early-set system designed specifically for the repair of industrial concrete floors. Rebuild joint edges or repair large surface defects.			Rebuild/repair control and construction joints in industrial and retail concrete floors. Repair large surface defects.		
D 95-100			D 70-75			D 70-75			D 70-75			D 75-80			D 86+			D 92		
2850 psi			4184 psi			5100 psi			5500 psi			4300 psi			1400 psi			2000 psi		
Not Tested			2.8%			7-9%			6-8%			14-18%			NA			NA		
350 psi			Concrete Fails			Concrete Fails			Concrete Fails			Concrete Fails			Concrete Fails			Concrete Fails		
Dual Pump or Cartridge			Hand Mix			Cartridge			Cartridge			Hand Mix			Hand Mix			Hand Mix		
NA-No Hand Mix			5 minutes			1-1/2 minutes			NA-No Hand Mix			3 1/2-4 minutes			30-40 minutes			12-15 minutes		
3-5 minutes			20-30 minutes			15 minutes			5-8 minutes			5-8 minutes			3-4 hours			1 hour		
30 minutes			1 hour			45 minutes			15-30 minutes			60-120 minutes			4-8 hours			2-4 hours		
No			Yes			Yes			Yes			Yes			No			No		
2:1 by Volume			1:1 by Volume			1:1 by Volume			1:1 by Volume			1:1 by Volume			4:1 by Volume			5:1 by Volume		
450 & 900 ml dual cartridge 15 gallon unit			2 gallon unit 10 gallon unit			1500 ml dual cartridge			600 ml dual cartridge 250 ml universal cartridge			2 gallon unit 10 gallon unit			540 cubic inch kit (2.3 gallons)			300 cubic inch kit (1.3 gallons) Liquids only: 1 gallon unit and 30 gallon unit		

With the increased use of integral colors, stains and polishing on concrete floors, concrete has gone from being a simple, utilitarian gray work surface to a canvas of creativity. Exposed, decorative concrete is rapidly replacing traditional floor coverings as a cost-effective and earth friendly alternative work and showroom surface. Today's floors demand the availability of joint fillers and repair products in a range of colors to both protect and enhance the floor, while offering cost-effective and durable solutions. Metzger/McGuire's ColorFast line is the perfect solution when aesthetics are just as important as durability and longevity.



## Quick-Set, Multi-Temp Structural Epoxy Mortar for Industrial and Retail Concrete Floor Repair

**USE DOWN TO 20°F!**



Item#	Unit
MMAHX-300K	1.3 gallon kit
MMAHX-1	1 gallon
MMAHX-30	30 gallons

**Armor-Hard Extreme** is available in two primary versions: **Armor-Hard Extreme Liquid** or **Kit**. This product has quick-set properties and multiple temperature applications. Typical use: As a mortar; Large spall repair/rebuilding of joint shoulders. As a topping for delaminated slabs. Fill in holes, potholes, gouges, ruts, popouts. As a liquid; Fill wider random cracks.

### ADVANTAGES

- Quick set allows for foot traffic in 1 hour and normal traffic in 2 hours (at 70°F)
- Superior wear and impact resistance
- Wider application range than most structural epoxies, from +120°F (49°C) down to 20°F (-7°C)
- Low odor; 100% solids
- USDA/FDA/LEED acceptable
- Requires no primer
- Kits available in 4 colors

### TECHNICAL PROPERTIES

The following properties are for the installed mortar using Metzger/McGuire's custom blended aggregate. Results may vary when using other aggregates.

Compressive Strength.....	12,800 psi
Tensile Strength .....	2,000 psi
Flexural Strength.....	4,400 psi
Adhesive Strength.....	Concrete breaks
Shore Hardness (D).....	D92
Solids Content.....	100%
Color, Mixed, Of Liquid.....	Translucent/clear*
Mix Ratio, By Volume .....	5A:1B

	@20°F	@40°F	@70°F
Working Time	20 mins.	15 mins.	12 mins.
Foot Traffic Ready	15 hours	5 hours	1 hours
Grindable Time	18 hours	6 hours	1.5 hours
Heavy-Duty Traffic	24 hours	8 hours	2 hours

All data based on 8"x 8"x .75" repair with aggregate and liquid at 70°F at time of mixing. Lower material temperatures or smaller defects will extend these times.

\*Mortar color will be aggregate color



Brick Red

Dovetail Gray

Natural

Porpoise

Standard Gray

# ARMOR-HARD PRIMER

**Epoxy Primer for Use with  
Armor-Hard Product Line**



**3 Gallons Special Order Only**

Item#	Unit
MMAHP-1	1 gallon
MMAHP-3	3 gallons

## ADVANTAGES

- Ideal for use in new or old damaged concrete floors, **Armor-Hard PRIMER** used with **Armor-Hard** repair products provides outstanding protection against a wide range of severe mechanical abuses typically found in industrial environments. Adhesion to concrete is excellent
- 100% Solids
- Excellent Impact Resistance
- Environmentally Friendly
- USDA/FDA/CFIA Acceptable
- Fast Walk-On Time

**Armor-Hard PRIMER** is a 100% solids, low viscosity, two-part epoxy for use as a primer to enhance substrate adhesion with the **Armor-Hard** line of products including **Armor-Hard HDR**, **Armor-Hard** and **Armor-Hard Extreme**. **Armor-Hard PRIMER's** unique chemistry permits rapid displacement of substrate moisture, allowing for use on damp surfaces.

# ARMOR-HARD HDR

HEAVY-DUTY RESURFACER

## HEAVY-DUTY RESURFACER

Item#	Unit
MMAHHDR-1	1 Kit
MMAHHDRS-1	1 gallon



**Armor-Hard HDR Kit** is a 100% solids, odorless, chemical resistant troweled epoxy flooring system. It's ideal for use in new or old damaged concrete floors and is designed to provide outstanding protection against a wide range of severe mechanical abuses typically found in industrial environments.

### TECHNICAL PROPERTIES AT 72°F

PROPERTY	RESULT	TEST METHOD
Hardness, Shore D	86	ASTM D 2240
Adhesion to concrete, psi (Tested with <b>Armor-Hard Primer</b> )	> 500 (concrete fails)	ASTM D 4541
Compressive strength, psi	10,500	ASTM D 695
Tensile strength, psi	1,400	ASTM D 638
Flexural strength, psi	3,700	ASTM D 790

### ADVANTAGES

- Ideal for use in new or old damaged concrete floors, **Armor-Hard HDR** provides outstanding protection against a wide range of severe mechanical abuses typically found in industrial environments. Adhesion to concrete, wood and most metals is excellent
- 100% Solids
- Excellent Wear Resistance
- Excellent Impact Resistance
- USDA/FDA/CFIA Acceptable
- Fast Walk-On Time
- 1 Kit yields 15 square feet at 1/4"

Once applied, it will add to the chemical resistance and clean-ability of the **Armor-Hard HDR** system.

**SPAL-PRO**  
**STABILIZER**

**Injectable Polyurea For The Correction  
of Deflecting Concrete Slabs**



Item#	Unit
MMSTB-15	15 gallons

**Spal-Pro Stabilizer** is used to correct conditions where slabs deflect and/or rock when subjected to material handling vehicle loads. This condition is usually the result of slab curl or various below grade deficiencies/voids.

**TECHNICAL PROPERTIES**

	RESULTS
HARDNESS, SHORE "A" @ 70°F	A95
HARDNESS, SHORE "D" @ 70°F	D55
TENSILE STRENGTH	2850 PSI
COMPRESSIVE STRENGTH	1800 PSI
POT LIFE @ 70°F	2-3 MINS.
MIX RATIO (by volume)	2:1
SOLIDS CONTENT	100%
SHRINKAGE	Negligible

**ADVANTAGES**

- **Spal-Pro Stabilizer** has a high shore hardness and compressive strength for optimum support of slabs-under-load.
- **Spal-Pro Stabilizer** is a rapid-setting material which enables an early return of traffic to distressed slabs.
- **Spal-Pro Stabilizer** has a low viscosity to allow for easier injection and better penetration into narrow voids below slab.
- **Spal-Pro Stabilizer and Stabilizer EXP** come with a "legacy." For more than 40 years Metzger/McGuire has been the unequalled leader in industrial floor slab protection and correction.



## Injectable High Density Polyurethane Foam For The Correction of Deflecting Concrete Slabs



Item#	Unit
MMSTBEXP-1500	1500 ml
MMSTBEXP-10	10 gallons

**Spal-Pro Stabilizer EXP** is used to correct conditions where concrete slabs deflect and/or rock when subjected to material handling vehicle loads. This condition is usually the result of slab curl or various subgrade/sub-base deficiencies.

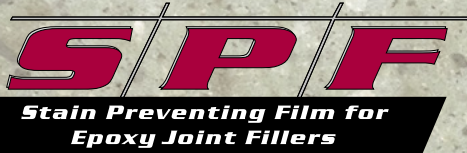
### TECHNICAL PROPERTIES

	TEST METHOD	RESULTS*
WEIGHT PER GAL. A/B, LBS.		9.1/10.2
MIX RATIO BY VOLUME		1:1
VISCOSITY, MIXED		800 cps
REACTION TIME/POTLIFE		65 secs.
SET TIME		4-6 mins.
DENSITY		8.0 pcf
COMPRESSION	ASTM 1621	115 psi
TENSILE STRENGTH	ASTM 638	165 lbs
EXPANSION RATE, TYPICAL		7:1

\* Properties shown are typical, but will vary from project to project depending upon various factors including foam mass, temperature and dispensing method.

### ADVANTAGES

- **Spal-Pro Stabilizer EXP** has a high compressive strength for optimum support of slabs-under-load.
- **Spal-Pro Stabilizer EXP** is a rapid-setting material which enables an early return of traffic to distressed slabs.
- **Spal-Pro Stabilizer EXP** has a medium viscosity to allow for easier injection and better penetration into narrow voids below slab.
- **Spal-Pro Stabilizer EXP** is insensitive to grade moisture from water infiltration of scrubbing operations.
- **Spal-Pro Stabilizer EXP** actively uses subgrade materials in cured structure.
- **Spal-Pro Stabilizer EXP** uses no CFC's or HFC's to develop its dense foam structure.



## Water-Based, Water Soluble Stain Prevention Film for Joint Fillers/Sealants



**Spal-Pro SPF/SPF-P** is a water-based, one-component liquid that, when dry, creates a thin film. This film creates a protective seal over concrete to prevent or reduce staining caused by joint filler and joint sealant overflow. **SPF/SPF-P** can be used to protect conventional concrete, colored concrete, stained concrete, tile and other surfaces. **SPF** will prevent staining by most epoxy fillers. **SPF-P** will prevent staining by most polyurea fillers.

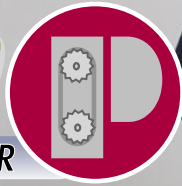
### ADVANTAGES

- **SPF/SPF-P** prevents/minimizes epoxy/polyurea slab staining
- **SPF/SPF-P** makes overflow shaving easier, reducing labor
- **SPF/SPF-P** contains no VOC's
- **SPF/SPF-P** is water soluble for easy clean up and removal

Item#	Unit
MMSPF-1	1 gallon
MMSPF-5	5 gallons

# M-Flush

VOC-FREE PUMP FLUSH & ISO EATER



**VOC-Free, Single-Component,  
Liquid Pump Flush & Iso Eater**



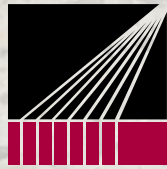
## ADVANTAGES

- Contains no VOC's
- Low odor
- Can be used to flush polyureas, polyurethanes, and epoxies
- Can be used for both parts and tank cleaning
- Can be re-used when properly strained of contaminants and kept sealed from air/moisture exposure
- Will not damage PTFE or Teflon seals and gaskets
- Low evaporation rate

**M-Flush** is a VOC-free, single-component, liquid polymer specifically designed for maintaining and flushing of dual-component pump dispensing systems. It can also be used to remove cured material buildup on equipment, tools and pump parts.

Item#	Unit
MMMMF-1	1 gallon
MMMMF-5	5 gallons





# METZGER/McGUIRE

# ACCESSORIES GUIDE



# CARTRIDGE GUNS



**ALBION 250ML SINGLE CARTRIDGE GUN**  
FOR USE WITH RAPID REFLOOR 250 ML CARTRIDGES



**ALBION T1500 DUAL CARTRIDGE GUN**  
FOR USE WITH SPAL-PRO RSF OR  
RAPID REFLOOR PIT GROUT 1500 ML CARTRIDGES



**NEWBORN #632 BULK CAULKING GUN**  
FOR HAND APPLYING MM-80



**ALBION T900 DUAL CARTRIDGE GUN**  
FOR USE WITH SPAL-PRO 2000 900 ML CARTRIDGES



**NEWBORN MODEL 435XSP  
CARTRIDGE GUN**  
FOR USE WITH SPAL-PRO 2000 450 ML CARTRIDGES



**ALBION T600 DUAL CARTRIDGE GUN**  
FOR USE WITH SPAL-PRO RS88,  
EDGE-PRO 80, RAPID REFLOOR, & RS65  
600 ML CARTRIDGES

*Distributed By*



[info@metzgermcguire.com](mailto:info@metzgermcguire.com)

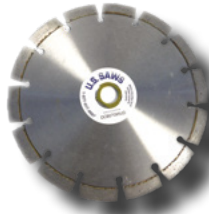
# BLADES & BRUSHES

## DIAMOND U BLADE



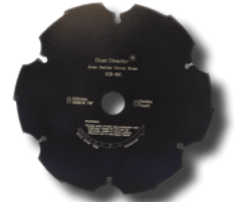
.25" x 5" Blade  
.375" x 5" Blade

## 10" JOINT CLEANING/ PREP DIAMOND BLADE



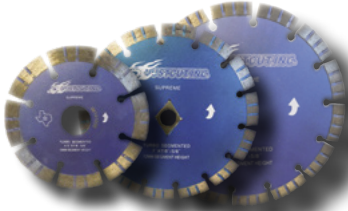
7" Blade  
8" Blade  
10" Blade

## STELLITE JOINT FILLER REMOVAL BLADE



7" x .125 Blade  
7" x .187 Blade  
8" x .125 Blade  
8" x .187 Blade

## JUSTCUT TURBO U BLADE



4.5" Blade  
7" Blade  
8" Blade

## TIGER TOOTH BLADE



4.5" x .090 Blade  
7" x .090 Blade  
8" x .095 Blade

## 4.5" ZEC HEAVY ABRASIVE PAD



16 grit  
24 grit  
36 grit

## NYALOX CUP BRUSH



2.5 Cup

## NYALOX WHEEL



3" Cup  
4" Cup

## NYALOX END BRUSH



.75" Brush

## MEDIUM GRIT FINISHING PAD



Blue (coarse)  
Orange (extra coarse)

## TELESCOPING FLOOR RAZOR SCRAPER



8" Scraper  
Scraper Blades  
(pack of 10)

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 **METZGER/McGUIRE**

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# SAWS & PUMPS



**BAIER**  
*Elektro-  
 werkzeuge*  
**BDN 511**  
 FLOOR CHANNEL CUTTING SYSTEM



**PT CHASSIS**  
 BLADE NOT INCLUDED



## GorillaConcreteTools



**GCT-10 ELECTRIC  
 JOINT SAW**



**CC-6  
 ELECTRIC  
 CRACK CHASER**



**GCT-X SERIES  
 ELECTRIC JOINT SAW**




**GP-1 DUAL  
 COMPONENT PUMP**



**GCT-X SERIES  
 COMBUSTION JOINT  
 SAW**



**GP-2 DUAL  
 COMPONENT PUMP**

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# SAWS & PUMPS

## **U.S. SAWS** *Surface Preparation*



**JS131 GAS WALK  
BEHIND JOINT  
CLEAN-OUT SAW**



**JS160 PROPANE JOINT  
CLEAN-OUT SAW**



**MARK III DUST  
BUGGY**

**5" HAND HELD  
CRACK CHASER**



**CC100 WALK  
BEHIND CRACK  
CHASER**



**US SAWS ONE MAN  
POLYMER PUMP**



**US SAWS TWO MAN  
POLYMER PUMP**




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 **METZGER/McGUIRE**

[info@metzgermcguire.com](mailto:info@metzgermcguire.com)




800.223.MM80

 Colors available in SRG

 Colors available in Edge-Pro 80

\* Available in 250 ml Universal Cartridges (Rapid Refloor)

 Standard Quick Ship Color for Color Packs (RS 88 and RS 65)

[Click here or scan QR code to use our Color Selector App!](#)



## OUR COLOR PRODUCTS



Agreeable Gray	Cardboard 	Fawn Pebble 	Limestone	Ryno Gray* 
Antique Cork	Cast Iron	Fine Wine	Meijer Brown	Safari
Basil	Chateau Gray	French Roast	Mocha Brown 	Sierra Redwood
Bavarian Oak	Clear/Natural	Gauntlet Gray 	Mossy Gold	Standard Gray* 
Black 	Cobble Brown	Grand Canal	Oiled Teak 	Terra Cotta
Black Fox 	Curry	Gray Area	Outerspace	Traffic Yellow
Brevity Brown 	Dark Knight	High Tea 	Pewter	Turkish Coffee
Brick Paver	Deep Sea Dive	Intellectual Gray 	Porpoise 	Warm Stone* 
Brownstone 	Dorian Gray	Kale Green	Relic Bronze 	Well Bred Brown
Burnt Sienna 	Dovetail Gray* 	Less Brown 		

Important Note: Colors shown below are *representational only* and may not render accurately depending upon viewing and/or printing source. Cured material samples for all colors are available upon request at no cost for use in matching and selecting the proper color for your floor project.

0" 1" 2" 3" 4" 5" 6" 7"

## APPROXIMATE MATERIAL COVERAGE RATES

### Narrow Joints and Cracks

1/8 x 3/4" = 200 lf/gal.	3/16 x 3/4" = 135 lf/gal.	1/4 x 3/4" = 100 lf/gal.
1/8 x 1" = 150 lf/gal.	3/16 x 1" = 100 lf/gal.	1/4 x 1" = 80 lf/gal.
1/8 x 1-1/4" = 125 lf/gal.	3/16 x 1-1/4" = 85 lf/gal.	1/4 x 1-1/4" = 60 lf/gal.
1/8 x 1-1/2" = 100 lf/gal.	3/16 x 1-1/2" = 70 lf/gal.	1/4 x 1-1/2" = 50 lf/gal.
1/8 x 1-3/4" = 85 lf/gal.	3/16 x 1-3/4" = 60 lf/gal.	1/4 x 1-3/4" = 45 lf/gal.
1/8 x 2" = 75 lf/gal.	3/16 x 2" = 50 lf/gal.	1/4 x 2" = 40 lf/gal.

### Wider Joints and Cracks

3/8 x 3/8" = 135 lf/gal.	3/4 x 1/2" = 50 lf/gal.	1 x 3/4" = 25 lf/gal.
3/8 x 1/2" = 100 lf/gal.	3/4 x 3/4" = 35 lf/gal.	1 x 1" = 20 lf/gal.
1/2 x 1/2" = 80 lf/gal.	1 x 1/2" = 40 lf/gal.	1 x 2" = 10 lf/gal.

### Converting Gallon Coverage Rates for Cartridge Units

To determine coverage rates for cartridge units divide the gallon rates listed above by the following factors:

450 ML Divide Gal. Yield by 8

900 ML Divide Gal. Yield by 4

600 ML Divide Gal. Yield by 6

1500 ML Divide Gal. Yield by 2.5

250 ML Divide Gal. Yield by 15

### Sand Modification Yields

#### Liquid Epoxy + Silica Sand = Mortar Yield

GAL. EPOXY + GALS. SAND = GALS. MORTAR

1	1	1.6
1	1.5	1.9
1	2	2.2
1	2.5	2.5
1	3	2.8

### Defect Repair Yields

#### Standard Material Kit and Cartridge Units

UNIT SIZE	NET MATERIAL YIELD
250 ML UNIT	16.50 cubic inches
450 ML UNIT	28.75 cubic inches
600 ML UNIT	38.34 cubic inches
900 ML UNIT	57.50 cubic inches
1500 ML UNIT	98.83 cubic inches
GALLON UNIT	230.00 cubic inches

Note: The above figures are approximate and for estimating purposes only. The rates shown do not allow for substantial waste, overfill, etc. Results may vary due to factors including material loss at joint base, grade of silica used, etc. Metzger/McGuire assumes no liability for results from using these figures.



PO BOX 2217 CONCORD, NEW HAMPSHIRE 03302

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[Click here or scan QR code to use our Coverage Calculator!](#)

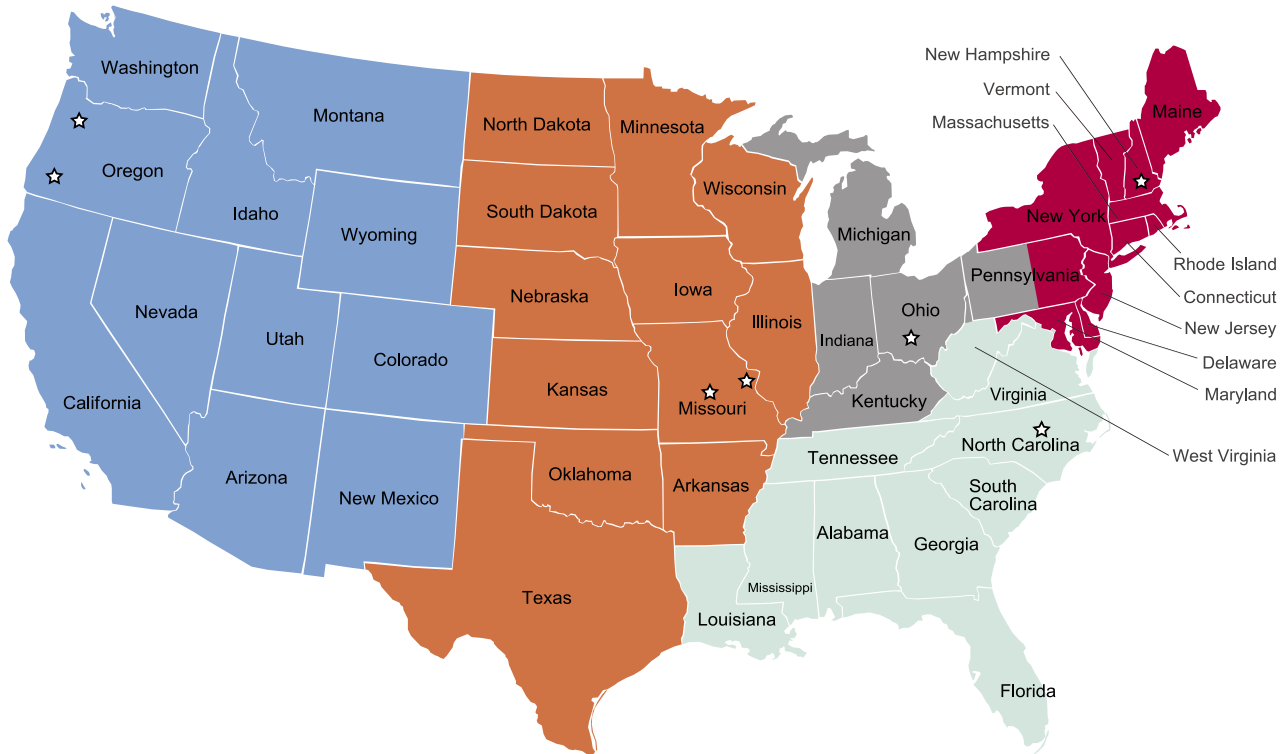




# METZGER/McGUIRE

INDUSTRY STANDARD CONCRETE FLOOR JOINT FILLERS & REPAIR PRODUCTS

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