

# 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 line 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.

# 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.

PRODUCT	SPAL-PRO RS 65 Semi-Rigid Polyurea Joint Sealant		EDGE-PRO 80 SEMI-RIGID POLYUREA JOINT FILLER		SPAL-PRO RS 88 Semi-Rigid Polyurea Joint Filler		SPAL-PRO RSF			MM-80		PIT GROUT		SRG SURFACE REFINEMENT GROUT		SPAL-PRO 2000			Rapid Refloor		Rapid Refloor XP		ARMOR-HARD KIT		ARMOR-HARD T.R.E.M.E	
	NEW CONSTRUCTION		NEW CONSTRUCTION		NEW CONSTR./REPAIR		NEW CONSTR./REPAIR			NEW CONSTR./REPAIR		REPAIR		REPAIR		REPAIR			REPAIR		REPAIR		REPAIR		REPAIR	
APPLICATION RANGE	Ambient	Cooler	Ambient	Cooler	Ambient	Cooler	Ambient	Cooler	Freezer	Ambient		Ambient		Ambient		Ambient	Cooler	Freezer	Ambient	Cooler	Ambient	Cooler	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		Fast-Set Low Viscosity Surface Repair Product		Rapid-Set Surface Restoration Poylmer		Rapid-Set Semi-Rigid Polyurea Joint Polymer			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	
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 or repair control and construction joints in industrial concrete floors. Repair active cracks exceeding 1/8" in width.		Structurally repair concrete. Fill/repair concrete floor surface imperfections such as air holes, popouts, surface pitting, scratches and gouges, etc.		Fill/repair concrete floor surface imperfections such as air holes, popouts, surface pitting, scratches and gouges, etc.		Repair control/construction joints and cracks in ambient or freezer/cooler concrete floors.			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.	
SHORE HARDNESS	A 64-69		A 80-81		A 86-90		A 88-94			A 90-95		D 70-75		D 70-75		D 95-100			D 70-75		D 75-80		D 86+		D 92	
TENSILE STRENGTH	393 psi		505 psi		970 psi		930 psi			1200 psi		5100 psi		4184 psi		2850 psi			5500 psi		4300 psi		1400 psi		2000 psi	
TENSILE ELONGATION	162%		152%		180%		170%			80-90%		7-9%		2.8%		Not Tested			6-8%		14-18%		NA		NA	
ADHESION TO CONCRETE	350-400 psi		350-400 psi		350-400 psi		350-400 psi			300-350 psi		Concrete Fails		Concrete Fails		350 psi			Concrete Fails		Concrete Fails		Concrete Fails		Concrete Fails	
APPLICATION METHOD	Dual Pump or Cartridge		Dual Pump or Cartridge		Dual Pump or Cartridge		Dual Pump or Cartridge			Dual Pump or Hand Mix		Cartridge		Hand Mix		Dual Pump or Cartridge			Cartridge		Hand Mix		Hand Mix		Hand Mix	
POT LIFE	NA-No Hand Mix		NA-No Hand Mix		NA-No Hand Mix		NA-No Hand Mix			10-15 minutes		1-1/2 minutes		5 minutes		NA-No Hand Mix			NA-No Hand Mix		3 1/2-4 minutes		30-40 minutes		12-15 minutes	
TACK FREE AT 70°F	10-15 minutes		3 minutes		5 minutes		30 minutes (at 32° F)			5 hours		15 minutes		20-30 minutes		3-5 minutes			5-8 minutes		5-8 minutes		3-4 hours		1 hour	
FULL TRAFFIC READY	30-60 minutes		1 hour		1 hour		3-5 hours (at 32° F)			8-12 hours		45 minutes		1 hour		30 minutes			15-30 minutes		60-120 minutes		4-8 hours		2-4 hours	
COLORFAST	Yes		Yes		Yes		No			No		Yes		Yes		No			Yes		Yes		No		No	
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		1:1 by Volume		2:1 by Volume			1:1 by Volume		1:1 by Volume		4:1 by Volume		5:1 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		1500 ml dual cartridge		2 gallon unit 10 gallon unit		450 & 900 ml dual cartridge 15 gallon unit			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	

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

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.