



Your Concrete Solution



**SPEC**CHEM 

**RAPID FLEX 90**

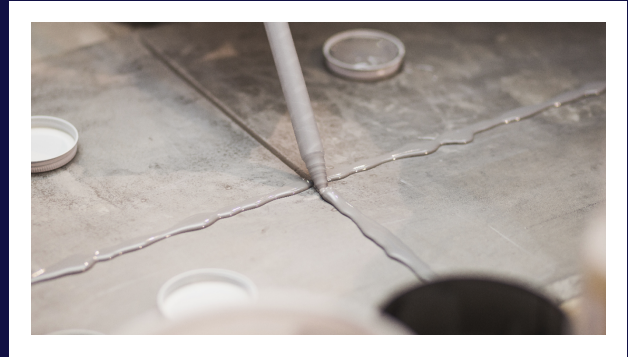
RAPID-CURING CONTROL JOINT FILLER



**Official Website**  
[www.specchem.com](http://www.specchem.com)

## COVERAGE:

Hard Troweled Finish 200-350 ft<sup>2</sup>/gal  
Broom or Float Finish 150-250 ft<sup>2</sup>/gal



Rough Slab Finish 150-200 ft<sup>2</sup>/gal  
Old Concrete 150-250 ft<sup>2</sup>/gal

# RAPID FLEX 90

Rapid Flex 90 is a high durometer, 100% solids, two-component, UV resistant, semi-rigid, rapid-curing, polyurea for filling control and construction joints in industrial concrete floors.



**INDUSTRIAL & COMMERCIAL FLOORS**



**CONTROL & CONSTRUCTION JOINTS**



**CRACK & JOINT REPAIR**





# The Industry Standard

## APPEARANCE

### SURFACE APPEARANCE

On smooth troweled concrete, a sheen will develop in roughly 6 months (dependent on amount of traffic). All other surfaces retain their natural appearance. The sheen can be accelerated by buffing the floor. A spiff coat may be used to enhance the initial sheen.

#### PACKAGING:

- 22oz Cartridges
- 10 Gallon Units

#### USES:

- Industrial & commercial floors, control & construction joints, crack & joint repair

#### FEATURES:

- Easy 1 to 1 mix ratio, pourable/pumpable consistency
- UV Resistant, (nonyellowing) Colorfast High elongation (100%) to resist tearing due to excessive movement Semi-rigid flexibility that does not weld slabs together or become brittle with age
- Moderate movement Can be applied and cures down to -20° F
- Quicker turnaround/less downtime than epoxy joint fillers
- Superior moisture resistance compared to traditional polyurea fillers Preserves uniform color appearance
- Effectively resists color degradation or discoloration
- Available in CJ or 90 (Shore A Hardness of 90)
  - Hardness effects resistance to point load

#### DRYING TIME:

- Return to work in 20 minutes. Easy shave, no need to wait

#### NOTES:

When SpecHard is to be applied to fresh concrete, pozzolanic (fly ash, blast furnace slag) usage in concrete mix designs should be kept to a minimum (i.e. 5-10% by weight of Portland cement) to optimize the sealing and hardening effects of SpecHard or wait a minimum of 14 days to apply. Protect metal, glass, brick and painted surfaces from SpecHard. If accidentally mis-applied, wash with clean water at once.

Do not use over colored or pigmented concrete or as a cure on slabs intended for use as a tilt up casting bed without consulting SpecChem technical services. If freezing occurs, contact SpecChem.

Avoid hazards by following all precautions found in the Safety Data Sheet (SDS), product labels, and technical literature. Please read this information prior to using the product. Application temperature above 40° F & rising is recommended.



TDS



SDS



SPEC



**Website**  
[www.SpecChem.com](http://www.SpecChem.com)



(816) 968-5600

# PROJECTS

## TESLA WAREHOUSE

Lathrop, CA  
1,100 gallons

## CONRAC CAR RENTAL

Maui, HI  
2,000 gallons

## NEW YORK LIFE

Carlisle, PA  
650 gallons

## JOHN DEERE

Moline, IL  
100 gallons

## HEARTLAND LOGISTICS

Kansas City, MO  
300 gallons

## AMAZON WAREHOUSE

Downers Grove, IL  
540 gallons

## HMBC #3

Kansas City, MO  
720 gallons

## HORIZONS INDUSTRIAL 10

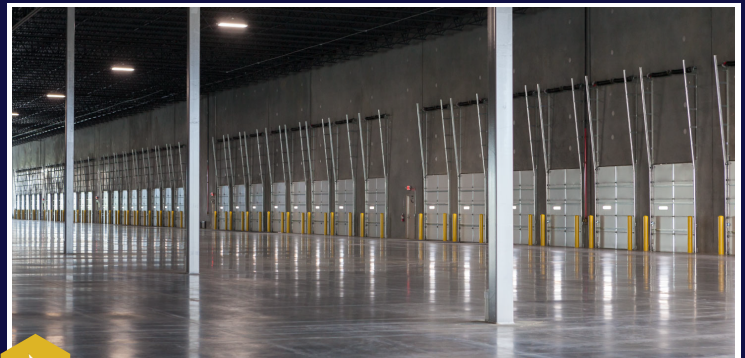
Kansas City, MO  
1,200 gallons

## LENEXA LOGISTICS

Lenexa, KS  
2,010 gallons



TESLA WAREHOUSE - LATHROP, CALIFORNIA



LENEXA LOGISTICS - LENEXA, KANSAS



JOHN DEERE HQ - MOLINE, ILLINOIS



HORIZONS INDUSTRIAL - KANSAS CITY, MISSOURI





# Rapid Flex

## Colorant System



Standard  
Gray



Sage



Superior  
Bronze



Cobble  
Brown



Grizzly  
Gray



## Rapid Flex CJ & Rapid Flex 90 – Control Joint Fillers

Our Rapid Curing, Semi-rigid Polyurea Control Joint Filler is now available in different colors.

Rapid Flex Colorant System is a concentrated pigment pack designed to pigment SpecChem's

two-component polyurea control joint fillers. The Rapid Flex Colorant System simply mixes into a neutral base, providing custom colors for filling control joints on architectural colored and polished concrete floors. Our control joint color system offers the convenience of multiple colors without the high cost of extensive inventory.

\*Compatible with both Rapid Flex CJ & Rapid Flex 90 Polyurea Control Joint Fillers.

## SPECIFICATIONS

- Accepted for use in USDA, FDA and CFIA regulated facilities - Authorized for use in federally inspected meat & poultry plants
- Complies with ACI 302 guidelines and PCA Concrete Floors on Ground for "Floor Joint Filler"
- 100% Solids, contains no VOC's, LEED compliant

## APPLICATION

Joint preparation Joints must be clean, dry and free of curing compound, densifiers, sealers and any other foreign substances. To remove the above, use a vacuum equipped, dry cut abrasive blade and oil-free compressed air to remove any water or dust prior to applying Rapid Flex . Per ACI and PCA guidelines, Rapid Flex should be installed full depth in sawcut control joints and a minimum of 2" in joints greater than 2" deep. Do not use compressible backer rod to reduce volume. Rapid Flex should be applied to a minimum depth of 1".

## COMPETITOR PRODUCTS

- Euclid QwikJoint UVR
- Versaflex SL 85 88
- Metzger Mcguire RS 88
- Metzger Mcguire Edge Pro 90

A quicker easier alternative to MM80

**USDA  
ACCEPTED**



**FDA  
APPROVED**



**AUTHORIZED FOR MEAT  
AND POULTRY PLANTS**



**APPLY IN TEMPS.  
OF 40°F-100°F**



**GEL TIME  
AT 75° F**



**TACK-FREE  
AT 75° F**



**SHAVE TIME  
AT 75° F**



**TRAFFIC RETURN  
AT 75° F**





# SPEC-CHEM

ONE COMPLETE SYSTEM FOR ALL YOUR INDUSTRIAL FLOORING NEEDS.



**ORANGE PEEL  
CLEANER / DEGREASER**



**BERRY CLEAN  
CLEANER / DEGREASER**



**RAPID FLEX 90  
POLYUREA CONTROL  
JOINT FILLER**



**SPECFILM  
EVAPORATION RETARDER**



**SPECHARD  
HARDENER DENSIFIER**



**ALL SHIELD EX  
WATER REPELLENT**



**INTRAFILM  
FINISHING AID**



**SPECREZ  
CONCRETE CURING  
COMPOUND**



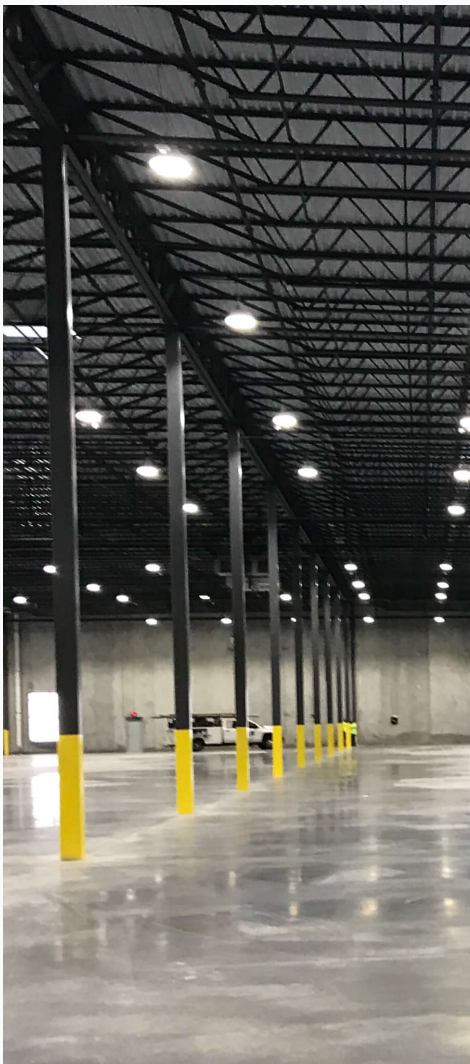
**E-CURE  
CONCRETE CURING  
COMPOUND**



# About SpecChem

At SpecChem, we serve five key concrete markets: commercial, industrial, DOT & infrastructure, residential, and repair & restoration. We are active in nearly every industry trade group related to these key market segments and have a strong team of industry professionals who are focused on building long-term relationships, increasing distributor profitability, continually evolving, developing new products, and providing premium customer service.

**SpecChem is an American manufacturer, headquartered in the heartland, supplying the concrete construction network with high quality, industry-leading concrete construction materials.**



MANUFACTURED IN USA

**SPECHEM**  
Solution to Service

## Get In Touch



(816) 968-5600



[www.SpecChem.com](http://www.SpecChem.com)



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Kansas City, MO 64108

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