

Technical Data Sheet



The Willamette Valley
Company LLC

www.wilvaco.com

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Partnering through
service, innovation, and
integrity

FastPatch CJ-RC

Rapid Cure Control Joint Filler

DESCRIPTION

FastPatch Control Joint Rapid Cure is a two-component 100% solids hybrid polyurea control joint filler designed to seal and protect joints in industrial concrete floors subject to hard wheels or loads. FastPatch CJ-RC provides excellent resistance to spalling, abrasion, chemical attack, and corrosion.

WHERE TO USE

- **Control Joints in Concrete**– interior or exterior
- **Retail and Warehouse Floors**
- **Airports** – Resistant to Jet Fuel
- **Random Crack Filling**

FEATURES AND BENEFITS

- **Rapid Cure**– Shave in 15-30 minutes
- **Fast Return To Service** – Tack free in 30 minutes
- **0 VOCs**– low/no odor
- **Extended Shave-ability, 72 Hours+**
- **Good Abrasion Resistance** – handles hard-wheel traffic
- **Compliant with USDA Rules for Incidental Food Contact** – Can be used in meat and poultry plants

PACKAGING

50 gal. (190L) drums
5 gal. (19L) pails
1500mL cartridges (case of 5)
600mL cartridges (case of 12)

COLORS

Light Gray
Mocha Gray

SHIPPING, STORAGE & SHELF LIFE

1 year when shipped and stored in a clean, dry, low-humidity, shaded or covered environment at 60 to 90° F (15 to 32° C).

TECHNICAL INFORMATION

Typical Properties

| | |
|--|-----------------------------|
| Mix Ratio, volume | 1:1 |
| VOC, lbs/gal (g/L), ASTM D 2369 | 0 |
| Return to service, hrs | 1 * |
| Service temperature, °F (°C) | -40 to 130 (-40 to 54) |
| Recommended Shave Time, min | 15-30 * |
| Adhesion to concrete psi, ASTM D4541 | ≥250 (substrate failure) |
| Tensile, psi, ASTM D 412 | 1,900±250 |
| Elongation, %, ASTM D 412 | 300±30 |
| Hardness, Shore A, ASTM D 2240 | 82±5 |
| Taber Abrasion, mg wt loss (1000 rev, 1kg, H-18) ASTM D4060 | 360±40 |

*at 70°F (21°C). Colder temperatures will slow cure and shave time, higher temperatures will speed it up.

Chemical Resistance Data

| | Δ wt. | Δ vol. |
|---------------------------------|-------|--------|
| H2O | + | + |
| 10% NaCl | + | + |
| 10% NaOH | + | ++ |
| 10% CaCl2 | + | ++ |
| 5% H2SO4 | + | ++ |
| 0.3% NaOCl (bleach solution) | + | + |
| ASTM Oil #1 | ++ | + |
| ASTM Oil #2 | ++ | ++ |
| ASTM Oil #3 | + | + |
| Jet Fuel A | + | + |

CHEMICAL RESISTANCE

FastPatch CJ-RC is resistant to a wide variety of chemicals at varying concentrations. Please contact Willamette Valley Company for the chemical resistance specific to your application

APPLICATION INSTRUCTIONS

For instructions on how to apply FastPatch CJ-RC, please refer to:
[FastPatch Control Joint Installation Guidelines](#)

ESTIMATED COVERAGE

Yield, linear feet (meters) per gallon of material

| Joint width, inch (cm) | Joint depth, inch (cm) | | |
|---------------------------|------------------------|-----------|----------|
| | 1.0 (2.5) | 1.5 (3.8) | 2 (5.1) |
| 0.25 (0.64) | 76 (23) | 51 (15) | 38 (12) |
| 0.375 (0.95) | 51 (15) | 34 (10) | 25 (7.6) |
| 0.5 (1.3) | 38 (12) | 25 (7.6) | 19 (5.8) |

HEALTH AND SAFETY

Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS please call 800-333-9826 or send an email to: sds@wilvaco.com

DISCLAIMER OF WARRANTY

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