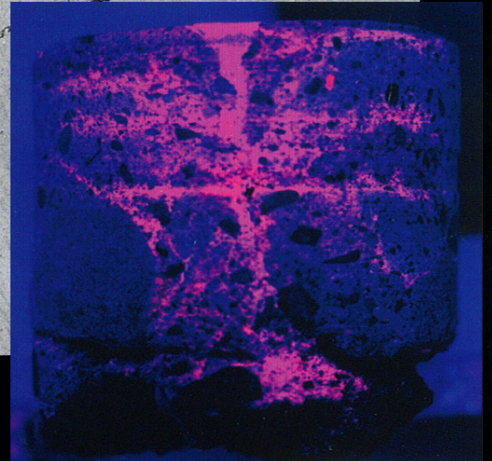
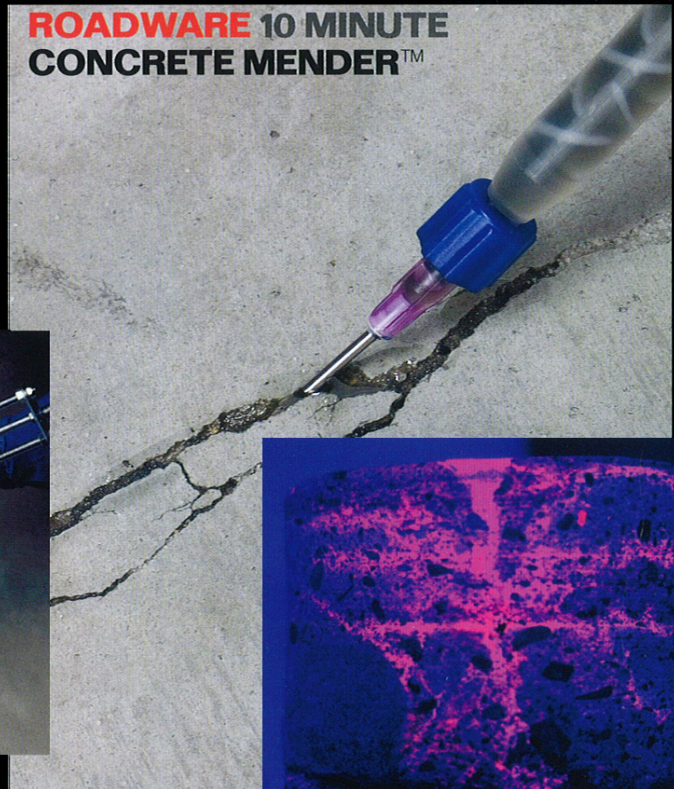


# ROADWARE CONCRETE REPAIR PRODUCTS

ROADWARE 10 MINUTE  
CONCRETE MENDER™



ROADWARE  
**MICRODOWELING**  
TECHNOLOGY

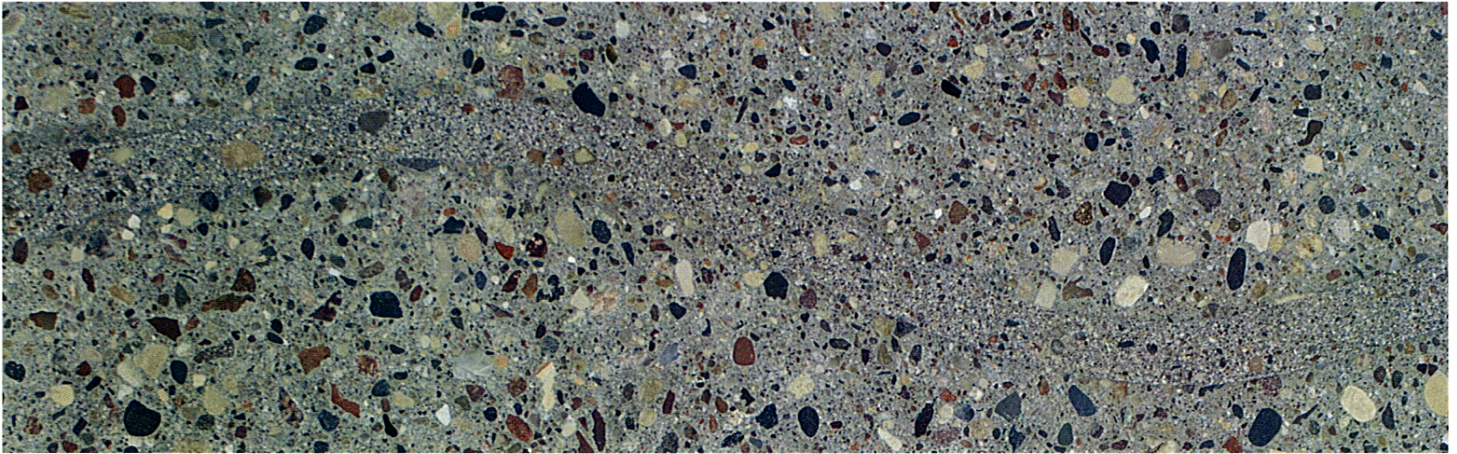
Road-tough repairs for concrete floors, decks, slabs and surfaces. Just flood cracks, spalls, joints, or holes with Roadware 10 Minute Concrete Mender™, MatchCrete™, or Roadware 10 Minute Flexible Cement II.™

In minutes you'll be back in service with a tough polymer concrete that stays in place permanently.



**MatchCrete™**

# ROADWARE CONCRETE MENDER™ OFF-WHITE



Use Roadware Concrete Mender™ Off-white, natural sand, and grinding dust to make a repair that looks like polished concrete.

Concrete polishing lets the natural beauty of stones, sand, and rock shine through. Your repair product should as well.

## Description:

Roadware Concrete Mender™ Off-white is a two-part polyurethane with the exact same physical properties as Roadware 10 Minute Concrete Mender™ with the exception that it cures to a neutral off-white color. This allows the material to easily accept the color of the fill sand. For a wider range of colors, grinding dust or dry powdered pigments by be added to the sand as well.

## Features:

- Twin cartridge pin-point application for small cracks and joints.
- Bulk bucket mix application for spalls and large area treatment.
- Cures in a wide temperature range from -30F to 100F (-34C to 39C).
- Worldwide network of trained distributors.

## Benefits:

- Repairs may be polished in 10 to 15 minutes.
- Repairs will not gum up, tear-out, or smear into the surrounding surface when polished.
- Use with a variety of sands and pigments to achieve different colors and textures.
- Microdoweling™ action gets in deep and repairs the concrete from the inside out.

## Uses:

- Repair cracks.
- Repair spalls.
- Fill divots, pop outs, and bolt holes.
- Fill spalled control joints.
- Pit grout, Surface filler prior to polishing.
- Polished concrete repair.



Make your own colors by adding sands, grinding dust, dry pigments or aggregate. Match most any color, grain or texture.

A little goes a long way: One gallon of Concrete Mender™ blended with two gallons of 40-30 grit sand yields 2.2 gallons of repair material.

## Technical Information:

Cure time @ 72° F. (22° C)	10 mins.
Hardness @ 72° F. (22° C)	72D
Compressive Strength (with sand)	4500 psi
Elongation:	6%
Tensile Strength:	4475 psi
Bond Strength ASTM 882-99:	1984 psi
Viscosity (at application)	<9 cps
Surface Tension (Wilhelmy Plate)	0.026n/m
V.O.C.(mixed):	5.5 g/l
Solids:	98%
Mixing Ratio:	1:1
Yield (1 gal with 2 gal 4030 sand)	2.2 gal
Cured Color:	Natural Off-white

## Packaging:

50 ml mini cartridge	12/case	#70105
300 x 300 ml cartridge	12/case	#70300
Two Gallon Kit		#70020
Ten Gallon Kit		#70050

The above technical information is based on typical properties and may not be construed as a specification.



# ROADWARE 10 MINUTE CONCRETE MENDER™



Roadware 10 Minute Concrete Mender™ is applied from self-mixing cartridges.



For larger spalls and cracks, Roadware 10 Minute Concrete Mender™ may be bucket mixed with silica sand and applied in bulk.



Repairs may be blended, polished, painted, or returned to traffic in just 10 minutes at 70° F!

“It’s thin, it gets in, and it won’t pop out.” Roadware 10 Minute Concrete Mender uses **Microdoweling™** action to repair concrete permanently.

#### Description:

Roadware 10 Minute Concrete Mender™ is a high-penetration two-part hybrid urethane that combines with manufactured sand to form a tough instant polymer concrete.

#### Features:

- Extremely low viscosity and properties that allow deep penetration into concrete.
- Full 98% solids content with no shrinkage.
- All material is self-mixed and delivered at the point of application. No messy pot-mixing or wasted product.
- Cures in a wide temperature range from -30F to 100F (-34C to 39C).
- Excellent resistance to chemical attack.
- When combined with manufactured sand, Concrete Mender will form a tough 4500 psi polymer concrete with properties similar to existing concrete that will stay pliable over time.
- Safe to use. Materials react quickly with very low odor.
- Self-leveling or may be combined with manufactured sand and worked with a trowel.

#### Benefits:

- Long lasting repairs that accommodate harsh physical environments.
- Easy preparation, a wire brush is all that is needed in most cases.
- No downtime, repairs are fully ready for traffic in approximately 10 minutes from application.
- Very low odor, can be used in a wide range of indoor areas.
- Transfers dynamic loads without fracture.

#### Uses:

- Repairing hairline cracks and larger, where future movement is not anticipated.
- Restoring integrity to distressed concrete.
- Repairing spalls and pop-outs in concrete.
- Securing bolts, equipment, or railings into concrete.
- Freezer floor and threshold repair.
- Repairing concrete surface imperfections prior to coating.
- Permanent repairs under decorative concrete overlays.
- Concrete delamination repairs.

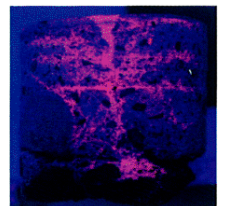
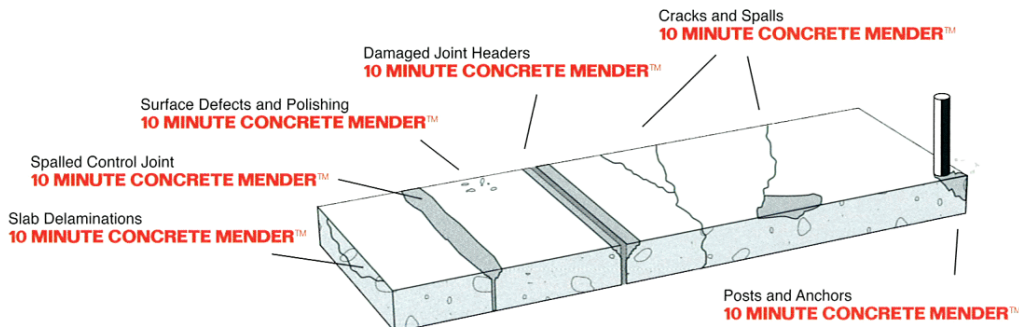
#### Technical Information:

Cure time @ 72° F. (22° C)	10 mins.
Hardness @ 72° F. (22° C)	72D
Compressive Strength (with sand)	4500 psi
Elongation:	6%
Tensile Strength:	4475 psi
Bond Strength ASTM 882-99: 1	984 psi
Viscosity (at application)	<9 cps
Surface Tension (Wilhelmy Plate)	0.026n/m
V.O.C.(mixed):	5.5 g/l
Solids:	98%
Mixing Ratio:	1:1
Yield (1 gal with 2 gal 4030 sand)	2.2 gal
Cured Color:	Gray

#### Packaging:

50 ml mini cartridge	12/case	#80105
300 x 300 ml cartridge	12/case	#80300
Two Gallon Kit		#80020
Ten Gallon Kit		#80050

The above technical information is based on typical properties and may not be construed as a specification.



This concrete core sample shows the extent of penetration into concrete when photographed under UV light.

## ROADWARE MatchCrete™ CLEAR



Roadware MatchCrete™ Clear is a two component aliphatic polyurethane for repairing cracks, spalls, and joints in concrete subject to UV exposure from sunlight. This material is clear in appearance when applied and cured. Colored sand and pigments may be added to create color stable repairs that match most any decorative or shade of concrete surface. MatchCrete™ Clear will not significantly change color with exposure to sunlight over time.

### Match colors.

By adding small amounts of dry color pigment and sand, many different colors can be made. Use colored sand for deeper color effect.

### Exterior Repairs

MatchCrete™ Clear cures clear and will stay clear under sunlight. MatchCrete™ Clear is a structurally solid material. Use caution when repairing exterior concrete or re-cracking may occur.

### Polished Concrete

MatchCrete™ Clear may be polished in several hours. Use before or after polishing for repairs that will not distract from the polished concrete look.

### Moisture

Concrete and sand need to be surface dry before application.



71105 50ml cartridge w/needle tip  
5150 50ml Application Gun  
71300 300x300ml cartridge  
71020 Two Gallon Kit  
1036 Static Mixer SQ 24 element  
5300 600ml Application Gun



### Exposed Aggregate

MatchCrete™ Clear cures clear so repairing exposed aggregate concrete is easy.



## ROADWARE FLEXIBLE CEMENT II™



### Exterior Repairs

Use Flexible Cement II™ repair cracks and protect control joints in parking structures, bridge decks, loading docks, runways, and many types of structural concrete.

### Control Joints

Use in industrial floors to protect saw-cut control joints from wheel traffic damage.

### Cove Joints

Use Flexible Cement II™ to seal cove joints where the floor meets a structural wall.

### Electrical Poding

Seal electrical loops and embedded lighting systems.

### Thresholds

Repair concrete thresholds with high thermal differentials.

### Moisture

Flexible Cement II™ is tolerant of surface moisture when applied. Concrete should be as dry as practical to insure a good bond.

Roadware Flexible Cement II™ is a semi-flexible polyurethane for repairing low movement cracks and control joints.

### High Traffic

Repairs are tough and can handle heavy industrial traffic.



### Concrete Bonding

Flexible Cement II™ is an excellent flexible adhesive for bonding metal, wood, and synthetic materials to concrete. Use to bond moldings and tack strips to concrete floors. Bonds asphalt to concrete.

91105 50 ml cartridge w/needle tip  
5150 50ml Application Gun  
91300 300x300ml cartridge  
91020 Two Gallon Kit  
91050 Ten Gallon Kit  
1036 Static Mixer SQ 24 element  
5300 600ml Application Gun

**SURECRETE INC.**

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