

ROADWARE 10 MINUTE CONCRETE REPAIR PRODUCTS



Road-tough repairs for concrete floors, decks, slabs and surfaces.

Just flood cracks, spalls, joints, or holes with Roadware 10 Minute

Concrete Mender™ 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.

ROADWARE 10 MINUTE CONCRETE MENDER™



“It's thin, it gets in, and it won't pop out.” Roadware 10 Minute Concrete Mender uses Microdowling™ 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.
- Completely cures in 10 minutes after application at 70° F. Will also cure rapidly in subzero environments.
- 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.

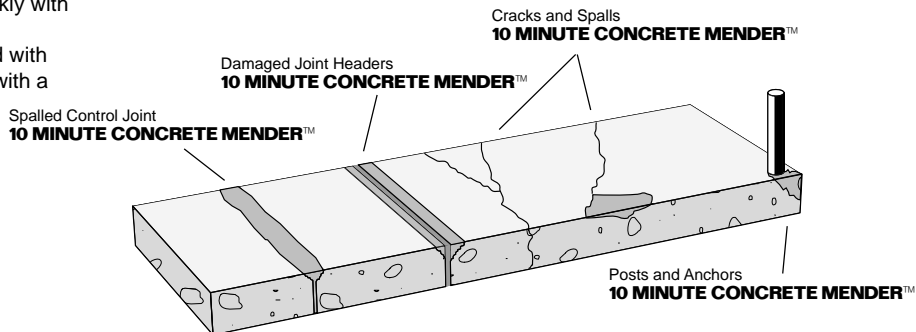
Uses:

- Repairing hairline cracks or 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.
- Vertical repairs when combined with specified sand.
- Repairing concrete surface imperfections prior to coating.

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
V.O.C.(mixed):	5.5 g/l
Solids:	98%
Mixing Ratio:	1:1
Cured Color:	Gray
Packaging:	
300 x 300 ml cartridge	12/case #80300
One gallon can	4/case #80040
Five gallon Can	2/kit #80050

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



ROADWARE FLEXIBLE CEMENT II™



“Flexible Cement II is road-tough and never gets brittle like epoxy. Use in control joints, spalls, and headers that are subject to heavy impact or dynamic loads.”

Description: FLEXIBLE CEMENT II™ is a two component hydrophobic hybrid polyurethane system for maintaining control joints, repairing cracks, and filling spalls in portland concrete.

Features:

- Excellent bonding strength in a wide temperature range.
- Low moisture sensitivity, will tolerate small amounts of moisture when applied.
- Good flexibility at lower temperatures.
- Excellent chemical resistance.
- Easier cartridge mixing.
- Incredible bond strength.
- Completely cures to heavy traffic in 15 - 20 minutes after application at 70° F. Will also cure rapidly in subzero environments.
- Good resistance to chemical attack.
- Safe to use. Materials react quickly and are solvent and odor free with 100% solids and no VOC's.
- Self-leveling, excess material may be sliced off after curing.
- Bonds well to concrete, brick, tile, steel, asphalt, and wood.

Benefits:

- Long lasting repairs that accommodate harsh physical environments and thermal movement.
- No downtime, repairs are fully ready for traffic in about 20 minutes from application.
- Odor free, can be used in a wide range of indoor areas.
- Easy application. All material is self-mixed with specially designed packaging or bulk application equipment.

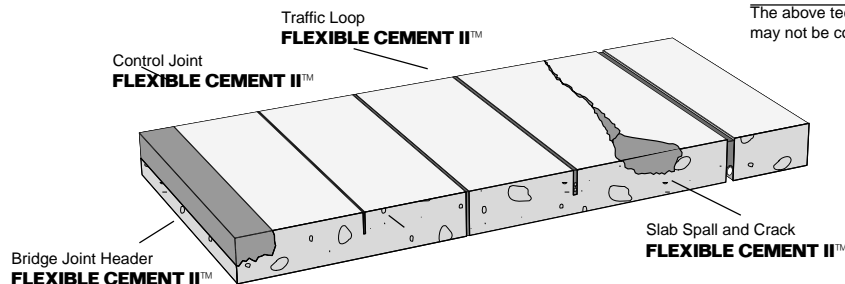
Uses:

- Repairing cracks, 1/8" or larger that may be subject to deflection, movement, dynamic loading, thermal expansion or contraction.
- Filling and protecting control joints.
- Repairing spalls and pop-outs in exterior or interior concrete.
- Forming and repairing bridge joint headers and nosings.
- Waterproofing.
- Filling traffic loops.
- Electrical podding.

Technical Information:

	Part A	Part B	Mixed
Viscosity:	1400 cps	700 cps	1200 cps
Color:	Black	White	Grey**
Pot Life (@100gm):			4 mins
Gel Time: (Tack Free):			<15 mins
Mixing Ratio:	1	1	
Solids:			100%
V.O.C.			0 g/l
Compressive Sheer (Wet) Aged 24h.			1595 psi min.
Tensile Strength (ASTM D412)			1726 psi
Ultimate Elongation (ASTM D412)			180% or (+80%)
Tear Strength (ASTM D624)			25 N/mm
Hardness			70-80 Shore A
Adhesion (Peel Strength - ASTM D903)			80 lb/inch width
Service Movement			±20%
Packaging:			
300 x 300 ml cartridge		12/case	#91300
One gallon can		4/case	#90040
Five gallon Can		2/kit	#90050

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



800-522-7623
www.concretemender.com



The ROADWARE Concrete Repair System is a product of Roadware, Inc. ©2000

ROADWARE 10 MINUTE CONCRETE REPAIR

Easy to Apply

Self-mixing

No Waste

10 Minute Cure

Chemical Resistant

Superior Bonding

Self-leveling

Deep Penetration

Tough Repairs

Safe to Use

**EXCELLENT FOR
REPAIRING:**

Industrial Floors

Forklift Traffic Areas

Walkways

Bridges

Highways

And More...



Roadware 10 Minute Concrete Mender™ is ultra-thin for deep penetration that microdowles into concrete and won't pop out like epoxy.



Roadware Flexible Cement II™ is designed for repairing bridge headers and protecting control joints in concrete slabs.

