

ROADWARE MatchCrete™ Clear

PRODUCT DESCRIPTION

Roadware MatchCrete™ Clear (MCC) 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. MCC will not significantly change color with exposure to sunlight over time.

USES

- Repairing exterior or interior concrete.
- Repairing colored, stamped, or decorative concrete.
- Repairing polished concrete.
- Repairing exposed aggregate concrete
- Repairing any concrete surface where appearance is critical such as retail entryways, doorways and pool decks.

FEATURES

- Sets in 20 – 40 minutes. Fully cures in a few hours.
- Remains clear, reflects surrounding colors.
- User may add colored sand, pigment, or concrete dust to match existing concrete.
- May be honed smooth in about 30 - 60 minutes at 70°F.
- May be needle tip applied from 50ml cartridge only.
- Will accept heavy traffic.
- Will not become brittle over time.

BENEFITS

- Better looking appearance.
- Satisfied property owners.
- Reduced down time.
- Less call backs. Repairs will not change color over time.
- Labor Saving

LIMITATIONS

Roadware MatchCrete™ Clear is designed for use on interior or exterior concrete surfaces. It is not intended for repairing areas of movement such as expansion joints where movement is expected. It must be applied to concrete free of surface moisture, dirt or contaminates.

PREPERATION

Concrete must be clean, dry and free of dirt and contaminates. Use mechanical methods to remove loose concrete and profile hard trowled surfaces. Use surface applied heat to remove ice or frost if present.

TECHNICAL INFORMATION

Tensile Strength at break (ASTM D-638-10)	1523 psi (10.5 Mpa)
Tensile Strength at yield (ASTM D-638-10)	1437 psi (9.9 Mpa)
Hardness	60D
Bond Strength	Excellent
Elongation at break (ASTM D-638-10)	58.3%
Elongation to yield in tension (ASTM D-638-10)	7.47%
Modulus of Elasticity (ASTM D638-10)	55.8 ksi (384.7 Mpa)
Viscosity (Brookfield)	Side A 280 cps Side B 100 cps
Cure time 72° F (22C)	Tac-Free 45 minutes Full Cure 24 hr
VOC Mixed	Zero
Packaging	71150 - 50 ml Cartridge 71300 - 600 ml Cartridge 71020 - 2-Gallon Kit

All data approximate.

MIXING

Cartridge: Static mixing 600ml or 50ml twin cartridge.
Bulk: Mix at a 1:1 ratio in a bucket by hand for 30 seconds. Start with a one quart total batch. Add up to one quart of colored quartz sand if needed. Dry pigments, grouts, or polishing dust may be added for color.

APPLICATION

Cartridge: Apply self leveling material into the crack, joint or spall. Trowel as necessary.
Bulk: Apply mixed material directly to the repair area. Screed off excess and allow to cure. Work in one quart batches or less.

CURING AND FINISHING

Cure time is 40-50 minutes at 70°F. Repairs can be ground smooth, polished or coated after one hour.

SAFETY

See SDS sheets and product instructions.



Roadware Incorporated
381 Bridgepoint Way
South Saint Paul, MN 55075
800-522-7623
www.roadware.us

MatchCrete™ is trademark of Roadware, Inc. © 2020

Visit our web site at www.roadware.us



ROADWARE
INCORPORATED