



# MVP 10 MIN MENDER

## CONCRETE CRACK & SPALL REPAIR

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### DESCRIPTION

**MVP MINUTE MENDER** IS A TWO-COMPONENT 100% SOLIDS CONCRETE CRACK AND SPALL REPAIR THAT CURES IN MINUTES AND DEEPLY PENETRATES INTO OPEN PORES OF CONCRETE FOR LONG LASTING STRUCTURAL REPAIRS, ABLE TO WITHSTAND TOUGH COMMERCIAL TRANSPORTATION OF HEAVY LOADS SUCH AS FORKLIFT TRAFFIC.

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### PRIMARY APPLICATIONS

- ✓ CRACKED AND SPALLED CONCRETE SLABS
  - ✓ FILLING PIN HOLES WHILE POLISHING
  - ✓ COMMERCIAL WAREHOUSE AND RETAIL SPACES
  - ✓ INDUSTRIAL FACILITIES
  - ✓ MANUFACTURING FACILITIES
  - ✓ PARKING STRUCTURES AND GARAGE FLOORS
  - ✓ PRIOR TO COATINGS
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### ADVANTAGES

- ✓ 0 – VOC'S CONTENT
  - ✓ 100% SOLIDS
  - ✓ RAPID CURING IN JUST MINUTES
  - ✓ ULTRA THIN VISCOSITY FOR DEEP PENETRATION
  - ✓ AVAILABLE IN STANDARD GRAY AND NUMEROUS CUSTOM COLORS
  - ✓ NO SOLVENT ODORS
  - ✓ USGBC LEED, EQ CREDIT 4.1: LOW-EMITTING VOC COMPLIANT MATERIALS
  - ✓ CURES IN EXTREME TEMPERATURES
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### LIMITATIONS

- ✓ DESIGNED FOR INTERIOR USE ONLY
  - ✓ PRODUCT MAY DISCOLOR WHEN EXPOSED TO UV RAYS
  - ✓ STORE WARM AND DRY BETWEEN 60°F – 85°F. DO NOT ALLOW TO FREEZE.
  - ✓ REACTS TO MOISTURE. SURFACE AND AGGREGATE NEED TO BE DRY.
  - ✓ KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.
  - ✓ 6 MONTH SHELF LIFE IN UNOPENED ORIGINAL CONTAINERS.
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### TECHNICAL DATA

PACKAGING		PRODUCT QUALITY AND STORAGE	
22 OZ. KITS			
COLORS AVAILABLE			
STANDARD GRAY	COMPETITOR COLORS CUSTOM COLOR MATCHING	SHIPPING AND STORAGE TEMPERATURES BETWEEN 60°F - 85°F, AVOIDING FREEZING TEMPERATURES. IF SHIPPING OR STORAGE TEMPERATURES SHOULD FALL BELOW 45°F, SOME CRYSTALLIZATION COULD RESULT. UNLESS PROPER ACTION IS TAKEN TO RE-FORM THE ORIGINAL SOLUTION, SUBSEQUENT DIMERIZATION WILL PROCEED QUICKLY AND WILL DETERIORATE THE ASSAY OF THE PRODUCT.  ALWAYS STORE WARM AND DRY. DO NOT OPEN UNTIL READY TO USE AND KEEP CONTAINERS SEALED TIGHTLY BETWEEN USE.	
MIX RATIO BY VOLUME			
1 PART A 1 PART B			
<i>*NOTE: STORE WARM AND DRY. SHAVE WELL! APPLY TO CLEAN AND DRY SURFACES ONLY.</i>			
POT LIFE	VOC (G/LITRE)	VISCOSITY @ 75°	
100 SECONDS	0 G/L	PART A	PART B
SOLIDS (ASTM D 2697)	RECOMMENDED THINNER	100 CPS	200 CPS
100%	NONE		
CURING DETAILS	TACK FREE	1 – 2 MINS	
	LIGHT TRAFFIC	5 MINS	
	MEDIUM TRAFFIC	7 MINS	
	HEAVY TRAFFIC	MINS	
<i>*NOTE: CURE TIMES AND WORK TIMES ARE SENSITIVE TO VOLUME AND TEMPERATURE, SUBSTRATE AND AGGREGATE TEMPERATURES. TIMES AND DATA MENTIONED ARE BASED ON LABORATORY CONDITIONS. FIELD RESULTS MAY VARY.</i>			

### PHYSICAL PROPERTIES

SHORE D HARDNESS	ASTM D-7997	100 SECONDS
TENSILE STRENGTH, PSI	ASTM D-412 (7 DAYS)	6150 PSI
ELONGATION	ASTM D-412	1 – 1.5%
COMPRESSIVE STRENGTH	ASTM C-579-18 (7 DAYS)	11,970 PSI
	+ AGGREGATE (7 DAYS)	8,070 – 9,340 PSI
ADHESION TO CONCRETE	ASTM D-7234	890 PSI/CONCRETE FAILURE



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### SURFACE PREPARATION

GOOD SURFACE PREPARATION IS ESSENTIAL BEFORE THE APPLICATION OF ANY REPAIR. THE PERFORMANCE OF A REPAIR IS SIGNIFICANTLY INFLUENCED BY ITS ABILITY TO ADHERE PROPERLY TO THE SUBSTRATE MATERIAL. IT IS GENERALLY ESTABLISHED THAT CORRECT SURFACE PREPARATION IS THE MOST IMPORTANT FACTOR AFFECTING THE TOTAL SUCCESS OF ANY REPAIR. SURFACES (SIDE WALLS, POP OUTS, SPALL SURFACES) WILL BE CLEAN, DRY, AND SOUND, THE PRESENCE OF EVEN SMALL AMOUNTS OF SURFACE CONTAMINANTS, DUST, EFFLORESCENCE, LAITANCE, SALTS, CURING COMPOUNDS, DIRT, OIL, FORM RELEASE AGENTS, AND OTHER FOREIGN MATTER CAN PHYSICALLY IMPAIR AND PREVENT PROPER ADHESION TO THE SUBSTRATE.

GRINDING IS OPTIMAL BUT HAND PREPARATION IS ACCEPTABLE IF ALL LOOSE MATERIAL IS REMOVED EXPOSING ONLY CLEAN AND OPEN PORES OF THE CONCRETE SURFACES TO BE REPAIRED.

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### MIXING

VIGOROUSLY SHAKE CARTRIDGES FOR ONE MINUTE. REMOVE NUT.

INSTALL FLOW RESTRICTOR AND MIXING NOZZLE OVER THE RESTRICTOR.

HOLD CARTRIDGE FACING UP AND SLOWLY DISPENSE UNTIL PRODUCT IS AT THE TIP. POINT DOWN INTO A WASTE CONTAINER AND DISPENSE A SMALL AMOUNT TO ENSURE CARTRIDGE IS EQUALIZED AND PRODUCT COLOR IS CONSISTENT.

IF THE ENTIRE CARTRIDGE IS NOT USED, RESEAL AND USE LATER WITH A NEW NOZZLE. CLEAN, SAVE AND RE-USE THE FLOW RESTRICTOR.

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### APPLICATION METHOD

SURFACES MUST BE CLEAN AND DRY. DISPENSE DIRECTLY INTO CRACKS WITH ONE OR TWO PASSES. FOR TWO PASSES, THE FIRST PASS WILL START TO GEL AND PROVIDE SOMEWHAT OF A BASE SO AS NOT TO CONTINUALLY LOSE MATERIAL THROUGH THE SLAB. SLIGHTLY OVERFILL THE WITH SECOND PASS. SHAVE IF SOFT OR GRIND FLUSH ONCE CURED AND HARD. TIP: ALLOW TO FULLY CURE THEN REHEAT WITH SMALL TORCH AND SHAVE WITH A RAZOR FLOOR SCRAPER.



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### CLEANING

MIX RESIDUAL A & B AND ALLOW TO FULLY CURE BEFORE DISPOSAL. ALL SPILLED MATERIAL, UNUSED CONTENTS OF CONTAINERS, EMPTY CONTAINERS AND SECONDARY CONTAINMENT SPILLS AND LEAKS MUST BE CLEANED UP IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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### HEALTH AND SAFETY

USE IN WELL VENTILATED AREAS. HANDLE AND WEAR PROPER SAFETY ATTIRE FOR PROTECTION. CONSULT THE SAFETY DATA SHEETS FOR FURTHER INFORMATION.

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### WARRANTY STATEMENT

MVP COATINGS™ WARRANTS OUR PRODUCTS TO BE FREE FROM MANUFACTURING DEFECTS AND DEFECTIVE RAW MATERIALS FOR A PERIOD OF 1 YEAR. LIABILITY FOR PRODUCTS PROVEN DEFECTIVE IS LIMITED TO REPLACEMENT OF THE DEFECTIVE PRODUCT.

NOT INCLUDED IN THE WARRANTY IS DAMAGE DUE TO STRUCTURAL DESIGN DEFICIENCIES INCLUDING BUT NOT LIMITED TO UNDERLYING CAUSES OF CRACKING OR DETERIORATION WHICH SHOULD BE ADDRESSED BEFORE MAKING REPAIRS, OR OTHER ELEMENTS BEYOND THE SCOPE OF PROTECTION OF THIS SYSTEM.

THE INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS DOCUMENT ARE BASED ON RELIABLE TEST RESULTS ACCORDING TO THE MANUFACTURER OF THE PRODUCT. THE DATA MENTIONED IS SPECIFIC TO THE MATERIAL INDICATED. IF USED IN COMBINATION WITH OTHER MATERIALS, THE RESULTS MAY BE DIFFERENT. IT IS THE RESPONSIBILITY OF THE USER TO VALIDATE THE INFORMATION THEREIN AND TO TEST THE PRODUCT BEFORE USING IT. MVP COATINGS, INC. ASSUMES NO LEGAL RESPONSIBILITY FOR THE RESULTS OBTAINED IN SUCH CASES. MVP COATINGS, INC. ASSUMES NO LEGAL RESPONSIBILITY FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, ECONOMIC OR ANY OTHER DAMAGES EXCEPT TO REPLACE THE PRODUCT OR TO REIMBURSEMENT THE PURCHASE PRICE, AS SET OUT IN THE PURCHASE CONTRACT.