

**Solving Today's Problems  
with Tomorrow's Technology**



ISO Side  
RESIN Side

DYNA-PUR 8010TR (Side A)  
DYNA-PUR 8010TR (Side B)

## PRODUCT INFORMATION

### PRODUCT DESCRIPTION

PATCH 'N GO (DYNA-PUR 8010TR) is a trowelable grade of 100% solids polyurethane that has been formulated as a high performance floor repair compound. PATCH 'N GO can be used for interior applications without topcoating or exterior applications with the application of a topcoat. PATCH 'N GO is viscous enough for trowel application, but will also self-level in most applications.

### PRODUCT CHARACTERISTICS

**Finish:** Glossy

**Color:** Light Gray.  
Other colors are available upon request.

**Volume Solids:** 100%

**VOC (calculated):** 0

**Mix Ratio:** 1 ISO: 1 RESIN

### Theoretical Coverage Rate:

Coverage will vary depending on the thickness of coating, substrate profile, substrate texture, material penetration, as well as quantity of dry aggregate that is mixed with the product.

### Curing Properties: dependent upon temperature & humidity

**Gel Time:** 4 - 8 minutes

**Dry to Touch:** 5 - 15 minutes

**Recoat Window:** 16 hours w/o prep

**Return to Service:** 8 - 20 minutes (dependent upon use)

**Shelf Life:** 6 months from shipping date (unopened @ 25°C)

**Flash Point:** ISO - >400°F (>204°C) (PMCC, ASTM 093)  
RESIN - 453°F (234°C) (Closed Cup)

**Viscosity :** ISO - 24 @ 25°C,  
RESIN - 99 cps @ 25°C

### RECOMMENDED USES (Examples listed)

- Cold Storage Areas
- Concrete Decks
- Concrete Restoration
- Crack Filler
- Equipment Wash-Down Areas
- Fish Hatcheries
- Fish Ponds
- Foundation Coatings
- Garage Floor Coatings
- Laboratory Floors
- Landscape Ponds
- Man-Hole & Sewer Linings
- Man-Hole Protective Coatings
- Man-Hole Restoration
- Parking Structure Coatings
- Pool Concrete Crack Repairs
- Pool Restoration
- Secondary Containment Areas
- Select Fuel Storage & Containment
- Tank Linings
- Tractor Trailer Floors
- Traffic Bearing Waterproofing
- Tunnels

### PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results
<b>Adhesion</b>	DelFesko PosiTest AT-CM Concrete - unprimed	>250 psi SF
<b>Elongation</b>	ASTM D638	5 - 20 %
<b>Tensile Strength</b>	ASTM D638	>350 psi
<b>Shore D Hardness</b>	ASTM D2240	> 60

### PRODUCT FEATURES

- A FAST REACTING AROMATIC POLYURETHANE DESIGNED FOR PATCHING HOLES, SPALLS, AND DEPRESSIONS IN CONCRETE AND OTHER SURFACES
- FAST RETURN TO SERVICE
- READY TO GRIND IN LESS THAN 15 MINUTES
- INSTALLER CAN DETERMINE DUROMETER (HARDNESS)

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## PRODUCT INFORMATION

### RECOMMENDED SYSTEMS

8010TR is used for concrete and other structural repairs. It is compatible with most epoxies, polyurethane, and polyurea systems.

### WARRANTY

**LIMITED WARRANTY:** This product is warranted to be of good quality when used according to the manufacturer's directions. It is not warranted for any other use or purpose. If proved to be defective, liability is limited to replacement of defective material, or refund of the purchase price of the material, at the option of Creative Material Technologies, Ltd. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturer's or its dealer's responsibility. There are no other warranties, either expressed or implied. Creative Material Technologies, Ltd. will not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of this product.

### DISCLAIMER

While every attempt has been made to supply information as accurately as possible, CMT does not guarantee the accuracy of this information nor the suitability of this product for any purpose.

### SURFACE PREPARATION

**The surface must be clean** and dry to achieve proper adhesion. All cracks, joints, and seams should be filled with a polyurea, high elastomer material prior to coating. HydraLok SLR-2, by CMT, or similar product is recommended. Avoid acrylic caulks or any compound with silicone. If applicable, the floor should be prepped by degreasing with a degreaser, then mechanically abraded to achieve a 3-5 mil anchor profile.

Minimum recommended surface preparation:

Steel:	see chart
Atmospheric:	SSPC-SP10/NACE 2, 3 mil (75 micron) profile
Immersion:	SSPC-SP10/NACE 2, 3 mil
Concrete & Masonry:	SSPC-SP13/NACE 6 or ICRI No. 310.2, CSP 3-5.

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted C St 2	C St 2	SP 2	-
	Pitted & Rusted D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted C St 3	C St 3	SP 3	-
	Pitted & Rusted D St 3	D St 3	SP 3	-

### TINTING

Product is pre-tinted. Do not tint.

### APPLICATION CONDITIONS

Air and surface: -20°F (-29°C) *minimum*, 130°F (54°C) *maximum*

### ORDERING INFORMATION

#### Packaging:

Drums:	Drum Sets (52 gal) 1 ISO 1 RESIN
Pails:	Pail Sets (5 gal) 1 ISO 1 RESIN
Quart Kit:	1 qt A, 1 qt B
Gallon Kits:	Gallon Sets (2 gal) 1 ISO 1 RESIN

### SAFETY PRECAUTIONS

**WARNING!** Skin and eye irritant. May cause skin sensitization. **FIRST AID:** Eyes – Flush with water for 15 minutes and call physician. Skin – Wash thoroughly with soap and water. Ingestion – Do not induce vomiting. Call Physician immediately. Use in well ventilated area. **KEEP OUT OF REACH OF CHILDREN.** Refer to the MSDS sheet before use.

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## APPLICATION BULLETIN

### SURFACE PREPARATIONS

Make sure that substrate has been prepared according to manufacturer's specifications for that particular substrate. The surface must be clean and dry to achieve proper adhesion. All cracks, joints, and seams should be filled with a polyurea, high elastomer material prior to coating. HydraLok SLR-2, by CMT, or similar product is recommended. Avoid acrylic caulks or any compound with silicone. If applicable, the floor should be prepped by degreasing with a degreaser, then mechanically abraded to achieve a 3-5 mil (76-127 microns) anchor profile.

#### Iron & Steel (immersion service)

Remove all oil and grease from surface by "Solvent" Cleaning per SSPC-SP1, using DYNA-CLEAN™ W-31 or equivalent. Minimum surface preparation is Near White Metal Blast Cleaning per SSPC-SP10/NACE 2. Mechanically abrade to achieve a 3-5 mil (76-127 microns) anchor profile. Remove all weld spatter and round all sharp edges. Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

#### Iron & Steel (atmospheric service)

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1, using DYNA-CLEAN™ W-31 or equivalent. Minimum surface preparation is Near White Metal Blast Cleaning per SSPC-SP10/NACE 2. Mechanically abrade to achieve a 3-5 mil (76-127 microns) anchor profile. Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

#### Concrete and Masonry

For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI No. 310.2, CSP 3-5. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with DYNA-PUR™ Patch 'n Go 8010 or HYDRALOK™ SLR-2 or 3

#### Concrete, Immersion Service:

For surface preparation, refer to SSPC-SP13/NACE 6, Section 4.3.1 or 1.3.2 or ICRI No. 310.2, CSP 3-5

### APPLICATION CONDITIONS

Air and surface: -20°F (-29°C) *minimum*, 130°F (54°C) *maximum*

### APPLICATION EQUIPMENT

- Mason's Trowel
- Measuring and mixing containers.
- Stirring equipment and stirring sticks.

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS 055000	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted C St 2	C St 2	SP 2	-
Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted C St 3	C St 3	SP 3	-
Pitted & Rusted	D St 3	D St 3	SP 3	-

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## APPLICATION BULLETIN

### APPLICATION PROCEDURES

**Mixing Instructions:** Patch 'n Go is generally mixed with dry sand at a ratio of 1 part Side A to 1 part Side B to 3 parts dry sand. If no sand is desired, mix 1 part Side A to 1 part Side B. **Side A must be mixed with the exact same amount of Side B (1:1 Ratio).** Refer to Manufacturer's Specific Instructions or Label Instructions.

#### Theoretical Coverage Rate:

Coverage will vary depending on the thickness of coating, substrate profile, substrate texture, material penetration, as well as quantity of dry aggregate that is mixed with the product.

#### Curing Properties:

dependent upon temperature & humidity

**Gel Time:** 4 - 8 minutes  
**Dry to Touch:** 5 - 15 minutes  
**Recoat Window:** 16 hours w/o prep  
**Return to Service:** 8 - 20 minutes (dependent upon use)

### CLEAN UP INSTRUCTIONS

Cured product may be disposed of without restriction. Clean ISO Side with acetone. Clean RESIN Side with warm, soapy water. Mixed, uncured product may be cleaned up with acetone. Follow manufacturer's instructions when using acetone. Cured product cannot be removed off of substrate without use of mechanical equipment. Uncured product must be disposed of according to local, state, and federal laws.

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### PERFORMANCE TIPS

For concrete, always perform Calcium Chloride test as per ASTM F1869.

\*\*Where primers are used, do not fill the profile on concrete or steel with excess primer. Allow the primer to become "tack-free" before coating - usually 2 hours. Surface should not be allowed to get wet between primer coat and base coat. The surface is "tack-free" when the primer does not transfer onto your gloves when you press down on it.

For immersion applications, a minimum total dry film thickness of 40 mils (1016 microns) on steel and 60 mils (1524) microns on concrete is required.

For Immersion Service: (if required) Holiday test in accordance with ASTM D5162 for steel, or ASTM D4787 for concrete.

For steel, stripe coat all chine, welds, bolted connections, and sharp angles to prevent early failure in these areas. For concrete all cracks must receive a 6" wide by 30 mil (762 micron) dft bridge coat after cracks have been properly filled.

### CHEMICAL RESISTANCE

No tests have been performed.

### SAFETY PRECAUTIONS

**WARNING!** Skin and eye irritant. May cause skin sensitization. **FIRST AID:** Eyes - Flush with water for 15 minutes and call physician. Skin - Wash thoroughly with soap and water. Ingestion - Do not induce vomiting. Call Physician immediately. Use in well ventilated area. **KEEP OUT OF REACH OF CHILDREN.** Refer to the MSDS sheet before use.

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**LIMITED WARRANTY:** This product is warranted to be of good quality when used according to the manufacturer's directions. It is not warranted for any other use or purpose. If proved to be defective, liability is limited to replacement of defective material, or refund of the purchase price of the material, at the option of Creative Material Technologies, Ltd. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturer's or its dealer's responsibility. There are no other warranties, either expressed or implied. Creative Material Technologies, Ltd. will not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of this product.