

# ECCO<sup>®</sup> InstaPave Resurfacer<sup>™</sup>

Formulas Available for Asphalt or Concrete



## TECHNICAL - DATA DESCRIPTION

Pro-Seal<sup>®</sup> Product Inc.'s **ECCO InstaPave<sup>®</sup> Road Resurfacer (EIPRR)** is an ultra-low viscosity micro-crack healer and resurfacing polymer. This unique ultra-low odor polycarbonate / polycarbonate Nano infused polyurethane-hybrid polymer, penetrates surfaces and cracks to create a strong and lasting wear surface repair. InstaPave Resurfacer is available in concrete formula and asphalt formula.

## HOW TO

Simply apply to a dry road surface the substrate appropriate formulation. Saturate the substrate with EIPRR polymers to form high strength polymer traffic surface that is traffic ready in less than 20 minutes.

## TYPICAL APPLICATIONS

- Concrete formula for road, floor or deck surfaces.
- Asphalt formula for road, floor or deck surfaces.

## FEATURES

### BONDS WITHOUT PRIMER

No priming required to bond to concrete, asphalt, or steel.

### REPAIRS & PROTECTS

- Fills open surface and micro-cracks while it bonds to surrounding road or other intended surfaces; increasing service life and reducing repairs costs.
- Rapid Repair, Fast Cure, And Rapid back to In-service.
- Solidifies in 2-5 minutes, heavy traffic in 10-15 minutes.

## SAFE TO USE

Non-flammable, no peroxides, no heavy metals, ultra low

odor, and ultra low V.O.C.'s. (do not atomize)

## YEAR-ROUND USE

Make successful repairs in freezing weather or in the heat of summer. Ten to Fifteen Minute traffic ready for machine applied version. The cure time is dependent upon temperature and application technique chosen.

## USAGE

Super fast-setting: simplified application equipment, Prokat<sup>®</sup>, siphons liquids ("A" and "B") from their respective containers through separate hoses and mixes them in a mixing nozzle just prior to application. The mixed liquid is flooded into potholes, solidifying in 2-5 minutes. EIPRR shall be topped with 6/10 aggregates prior to cure for traction.

The mixed liquid cures to a resilient, impact resistant solid plastic, suitable for repairing potholes on concrete, pavement, bridge decks, and floors.

Traffic ready in 10-15 minutes.

## LIMITATIONS

Apply only to properly cleaned and prepared surfaces. DO NOT apply to wet, dirty, greasy, scaling or waxed surfaces. Consult ECCO division of Pro-Seal Products, Inc. technical department for approved surface preparation methods and application techniques. Read Material Safety Data Sheets (SDS) and Installation Instructions before using. Install between 20° and 100°F ambient temperature, and 50°-80°F material temperature. [Product limitations such as surface, ambient, etc conditions]

ADVANTAGES
Cleans with soap and water
No Odor or ultra low odor
No Solvent; Near zero V.O.C.'s
± 1/3 Volume resin
± 2/3 Volume sand and gravel
Applies with plural component pump
Pumps directly from drum or tote
Cures in 15 minutes to 108 Newtons
Trafficable in 15 minutes (Heavy traffic)
Rapid Repair Three Step Process (Clean, Dry, Fill)
Low Labor Cost
Short to no Closure Times

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## Minimal Preparation - Dry

PACKAGES		
Volume of Sale	Application	USD per mm3
60 gallons	Asphalt Kit	0.0109
110 gallons	Asphalt Kit	0.0109
550 gallons	Asphalt Kit	0.0109
60 gallons	Concrete Kit	0.0113
110 gallons	Concrete Kit	0.0113
550 gallons	Concrete Kit	0.0113

COVERAGE PER PACKAGES		
Product	Kit size	Coverage mm3
Asphalt	60g/480l	2,949,660
Asphalt	110g/880l	5,407,710
Asphalt	550g/2200l	27,038,550
Concrete	60g/480l	2,949,660
Concrete	110g/880l	5,407,710
Concrete	550g/2200l	27,038,550

PROPERTIES APPLICATION		
Test	Unit	Value
Ratio	1:1	1 (A): 1 (B)
Viscosity @73F	Cps	12(A)/16(B)
Appearance	Colors	Amber (A)/black(B)
Specific Gravity	Water 1	1.11(A)/1.03(B)

PROPERTIES CURED		
Test	Unit	Value
Color	Finish	Black/Grey
Specific Gravity ASTM D-792	A&B	1.08
Hardness, ASTM D-2240	Durometer A	60
Tensile Strength, ASTM D-412	psi	2000
Compressive Strength, ASTM C-39	psi	1580
Elongation at Break ASTM D-412	%	160
Tensile Strength ASTM C-882	psi	760

STANDARD COLORS
Black

Coverage	Mils	Inches
25 sf. per gallon	@ 64.2 mils	1/16"
12.5 sf. per gallon	@ 128.4 mils	1/8"

NOTE: Applications using supplemental aggregates may increase coverage.

TEST PACKAGING
1 gallon kit for Hand Mix
10 gallon kit for Hand Mix or PROKAT Polymer Dispensing System
30 gallon kit for ProKat Polymer Dispensing System

SHIPPING WEIGHT
10 lbs per gallon (approximate)

## INSTALLATION GUIDELINES

### PRE-INSTALLATION CHECKLIST

1. All substrates shall be sound, solid and free from any loose or failing components. All surfaces must be free from previously applied coatings, dust, rust, scale, grease, oil, and other bond breaking contaminants.
2. Cracks greater than 1/16 inch in width shall be routed to a minimum of ¼ inch wide by ½ inch deep and filled with ECCO Instapave Crack Patch or (EIPCP) materials.
3. Fill all expansion joints as required – using ECCO Instapave Joint Repair (EIPJR).
4. All application equipment shall be in good operating condition.
5. Materials shall not be applied when the ambient air temperature or the surface temperature is outside the boundaries as stated on the product data sheets and application guidelines.
6. Keep material out of sun or hot areas prior to applying, as this may cause working time to be diminished and could cause poor appearance and/or adhesion. If room and or concrete surface is hot (85°F or more) you can spray with cool water and soak for a short period to cool surface. Vacuum the surface free of water, and torch dry if necessary, prior to applying product.
7. Damp surfaces must be thoroughly dry prior to the application of product. This step is essential for proper cure, adhesion, and post cure performance.
8. Product shall be maintained at 50°F – 80°F.
9. Product may be installed between 20°F - 100°F.
10. For temperatures above or below these limits please consult ECCO division of iCP, Inc. technical department

### APPLICATION W / The Pro-Seal PROKAT

1. Attach ProKat pumps lines to drum/tote A and B individually. The component will mix in the application tip upon pumping.
2. Attach a disposable state-mixing tip to the spray gun head of the Prokat.
3. Run a test mix into a 5 gal pail to be sure material is mixing properly.
4. Clean tip with water line from head into a separate pail.  
*Note: be sure to have a separate pail of soapy water for cleaning InstaPave Pothole Patch from tools and others.*
5. Saturate to rejection the prepared pothole.
6. Broadcast by and or gun 6\10 dry, clean, silica sand to rejection for traction.
7. Allow curing 15 minutes prior to heavy traffic.

## MIXING AND INSTALLATION INSTRUCTIONS

NOTE: Mix ratio is 1:1 by volume.

For machine applied (ProKat®) product refer to your Prokat operator's manual and consult your ECCO division of iCP, Inc. representative for specifics.

### CLEANING

Immediately run soapy water from Prokat well through gun head and mixing tip into receptical to clear gun and tip. Run until only soapy water comes through to receptical.

### MATERIAL SAFETY DATA SHEETS (MSDS)

Material safety data sheets are available upon request. It is strongly recommended that all persons involved in the handling of ECCO division of iCP, Inc. products.

### WARRANTY NOTICE

Recommendations for product use based on tests believed to be reliable. Field conditions vary widely. For this reason, the user must determine product suitability for your use and specific applications. ECCO division of iCP, Inc. warrants that this product will be free of manufacturing defects for a period of (12) twelve months from date of manufacture. ECCO division of iCP, Inc. will, at its option, replace any material or will refund the purchase price of any material that does not conform to our standard specifications, if the discovery of non-compliance is made within (1) one year of delivery of material. ECCO division of iCP, Inc. liability and obligation is limited only to replacement or refund of product. Pro-Seal Products, Inc. assumes no liability for injury, loss or damage resulting from use of this product.

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### Limited Warranty

We warrant our product to be free of defects in material and workmanship; and to be in accordance with our company quality control standards. All data, statements, and recommendations, made herein are based upon information we believe to be reliable, but are made without any representation, guarantee, or warranty of accuracy. Our products are sold on the condition that the user himself will evaluate them, as well as our recommendations, to determine their suitability for the user's own purpose before adoption. Also, statements regarding the use of our products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations. Liability under any

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condition shall be limited to replacement of material only

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