

### DESCRIPTION

**Perdure EJF** is a 100% solids flexible epoxy joint filler used to protect saw-cut joints in concrete slabs on grade or repair existing damaged joints. *Perdure EJF* absorbs the impact and shock of heavy loads and steel wheeled traffic, preventing erosion of control joint edges.

### ADVANTAGES

- Easy 1 to 1 mixing ratio
- Ultimate elongation of 100%
- Low odor during application and cure – can be used in occupied facilities
- Cures on damp/wet surfaces
- USDA approved

### KEY CONSIDERATIONS

- Substrate temperature must be minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents and other foreign materials
- It should not be installed on new concrete (at 30 days after concrete pour)
- It should not be used as an expansion joint material

### COMPOSITION

- 100% solids epoxy resin with aliphatic amines

### APPLICATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. Remove all curing compounds, sealers and any other foreign substances from joints. Immediately prior to applying *Perdure EJF*, remove all water and dust from the surfaces with an oil free air blast. Work must be performed by trained and experienced contractors or maintenance personnel. The Duraamen Company's service department is pleased to answer any technical questions.

### INSTALLATION

*Perdure EJF* is mixed by combining equal parts by volume of Part A and Part B. Pre-mix each component prior to combining. Mix the combination with a low speed drill for a minimum of three minutes. *Perdure EJF* can be poured from a suitable container or applied with a caulking gun. Two passes may be required, as pourable materials have a tendency to dish out. The joint **MUST** be flush with the floor. For complete installation instructions, contact your *Duraamen* representative.

### CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.

### AVAILABILITY

*Perdure EJF* is available throughout the United States and Canada. Contact *Duraamen* representative in your area for details.

### MAINTENANCE

After completing the application of *Perdure EJF*, the installers should provide the owner with maintenance instructions. Floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly.

*Perdure EJF* is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating application of a finish coat.

### TECHNICAL SERVICE

Duraamen Building & Allied Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

## TECHNICAL DATA

|                          |                                     |
|--------------------------|-------------------------------------|
| Viscosity @ 75°F 2       | 200 cps                             |
| Mixing Ratio             | 1 parts A to 1 parts B<br>by volume |
| Solids Content           | 100% by volume                      |
| Volatile Organic Content | 0 gm/L                              |
| Color                    | Grey                                |
| Weight Per gallon        | 10.75 pounds per<br>gallon, mixed   |

## CURE/DRY TIME

|                                |                      |
|--------------------------------|----------------------|
| Pot Life                       | 40 minutes @ 75°F    |
| Dry to Touch                   | 6 – 8 hours @ 75°F   |
| Re-Coat                        | 8 – 10 hours @ 75°F  |
| Sanding time                   | 24 – 48 hours @ 75°F |
| Full cure & maximum resistance | 48 – 72 hours        |

## LINEAR FEET PER GALLON

| WIDTH<br>DEPTH | 1/8" | 1/4" 3/ | 8"     | 1/2" 5/ | 8"    | 3/4" 1 | "    |
|----------------|------|---------|--------|---------|-------|--------|------|
| 1/4" 616       | .0   | 308.0   | 205.3  | 154.0   | 123.2 | 102.7  | 77.0 |
| 1/2" 308       | .0   | 154.0   | 102.70 | 77.0    | 61.6  | 51.3   | 38.5 |
| 3/4" 205       | .3   | 102.7   | 68.4   | 51.3    | 41.1  | 34.2   | 25.7 |
| 1" 154         | .0   | 77.0    | 51.3   | 38.5    | 30.8  | 25.7   | 19.3 |
| 1 1/4" 123     | .2   | 61.6    | 41.1   | 30.8    | 24.6  | 20.5   | 15.4 |
| 1 1/2" 102     | .7   | 51.3    | 34.2   | 25.7    | 20.5  | 17.1   | 12.8 |
| 1 3/4"         | 88.0 | 44.0    | 29.3   | 22.0    | 17.6  | 14.7   | 11.0 |
| 2"             | 77.0 | 38.5    | 25.7   | 19.3    | 15.4  | 12.8   | 9.6  |
| 2 1/2"         | 61.6 | 30.8    | 20.5   | 14.7    | 12.3  | 10.3   | 7.7  |
| 2 3/4"         | 51.3 | 25.7    | 17.1   | 12.8    | 10.3  | 8.6    | 6.4  |

## PHYSICAL PROPERTIES

|  |   |
|--|---|
| Artificial Weathering (ASTM G23-75 Type D) | 10-15% elastomeric property change after 1000hr |
| Bond Cohesion (Fed. Spec. TT-S-00227F)     | No failure after 25% total movement             |
| Tensile Strength (ASTM D-638)              | 600psi  |
| Ultimate elongation                        | 100%  |
| Tear resistance (ASTM D-624-73)            | 30ln/in   |
| Service Temperature                        | 30-180°F  |

## WARRANTY

Duraamen Building & Allied products, Inc. warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of *Duraamen*. If any product fails to meet this warranty, the liability of *Duraamen* will be limited to replacement of any non-conforming material if notice of such non-conformity is given to *Duraamen* within (1) one year of delivery of materials. *Duraamen* may in its discretion refund the price received by *Duraamen* in lieu of replacing the material. No customer, distributor or representative is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of *Duraamen*. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. *Duraamen* reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. DURAAMEN'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND DURAAMEN SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY OTHER THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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