

Perdure EJF

epoxy based joint filler

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 30days 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 Düraamen 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 Düraamen 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 Düraamen representative in your area for details.

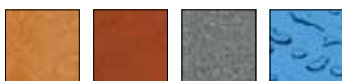
MAINTENANCE

After completing the application of Perdure EJF, the installer should provide the owner with maintenance instructions. If 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

Düraamen Engineered 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	2200 cps
Mixing Ratio	1 parts A to 1 parts B by volume
Solids Content	100% by volume
Volatile Organic Content	0 gm/L
Color	Grey
Weight Per gallon	10.75 pounds per 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

TECHNICAL DATA

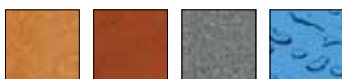
WIDTH							
DEPTH	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"
1/4"	616.0	308.0	205.3	154.0	123.2	102.7	77.0
1/2"	308.0	154.0	102.70	77.0	61.6	51.3	38.5
3/4"	205.3	102.7	68.4	51.3	41.1	34.2	25.7
1"	154.0	77.0	51.3	38.5	30.8	25.7	19.3
1 1/4"	123.2	61.6	41.1	30.8	24.6	20.5	15.4
1 1/2"	102.7	51.3	34.2	25.7	20.5	17.1	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	17.6	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—00227E)	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

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