

# GeoPaveX Resin Bound Surfacing

## **Product Description:**

GeoPaveX is a cold two-part polyurethane resin paving system. The polyurethane resin base bonds natural aggregates or recycled material to create permeable, flexible, and long-lasting surface surfaces. The final resin paving is troweled onto a suitable base: gravel base for tree pits, or existing cement or asphalt base for pedestrian and vehicular loads.

## **Temperatures for Application:**

Recommended temperatures should be 40 – 85 F

## **Preparing the surface:**

GeoPaveX is applied to asphalt or concrete surfaces that are free of contaminants and dry. The base and subbase must be of sound construction and properly engineered to support the required loads and if applicable, rainwater management and discharge requirements. Suitable edging should be used to support the perimeter edge of the GeoPaveX area. Suggested base specifications are available upon request.

## **Mixing / Application**

Into a mechanical mortar mixer add four 50 pound bags (or total of 200 pounds) of washed and dried aggregate.

Separately mix the two-part polyurethane resin: Part A is the Base, and Part B is the Hardener. Use an electric drill with a 4" helical paddle or similar. Slowly mix the Part A base alone in its container for approximately 1 – 2 minutes before adding the Part B Hardener. Add the hardener and mix for another 2-3 minutes or until combined resin forms a creamy color. Important not to over mix.

Turn on the mortar mixer and begin to dry mix the aggregate, then add the combined resin into the aggregate and mix with together for one minute. Empty into a wheelbarrow for immediate application.

### **Application**

Spread the mixture evenly over the prepared surface with a lute and screed board to the required depth. Finish the surface with a hand or mechanical trowel.

### **Aggregate / Coverage**

Aggregate is available in many different sizes and colors. Coverage rate is dependent on anticipated load, and size of aggregate.

### **Set up time:**

<b>Load</b>	<b>Temp °F</b>	<b>Time Hours</b>
Pedestrians	45	5 to 6
	70	4 to 5
	85	3
Vehicles	45	12 to 16
	70	10 to 12
	85	8

**To specify**, identify product by name, aggregate size, color and as distributed by:

**Stone Resin Surfacing LLC**

**1 Mayflower Place, Milford, CT 06460**

**203.910.2314, [info@stoneresinsurfacing.com](mailto:info@stoneresinsurfacing.com)**

Please note all resins are manufactured from raw materials at time of ordering. Our ISO 9001:2015 certified manufacturing facility and delivery process ensures a high quality, fresh product to help ensure product performance and customer satisfaction.

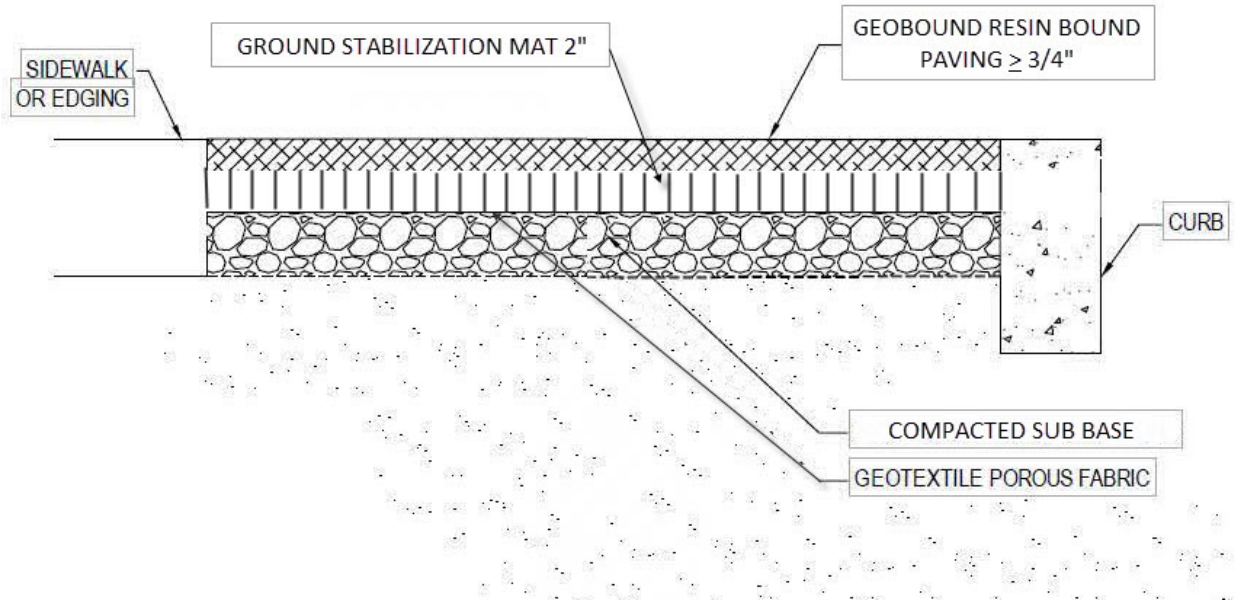


Stone Resin Surfacing .com

Permeable & Textured Paving

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SECTION VIEW

#### RESIN BOUND AGGREGATE PERMEABLE PAVING SYSTEM

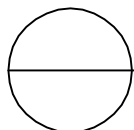
GEOPAVEX RESIN PAVING IS A COLD TWO-PART POLYURETHANE RESIN PAVING SYSTEM. THE POLYURETHANE RESIN BASE BONDS NATURAL AGGREGATES OR RECYCLED MATERIAL TO CREATE PERMEABLE, FLEXIBLE, AND LONG-LASTING SURFACES.

#### GENERAL SPECIFICATIONS:

1. WARRANTY REQUIRES APPLICATION IS COMPLETED BY A TRAINED AND CERTIFIED APPLICATOR
2. GEOPAVEX IS APPLIED TO CLEAN DRY SURFACES .
3. CLEAN AND COMPACT THE SUB BASE SOIL IN THE AREA TO BE PAVED, AND PLACE GEOTEXTILE FABRIC TO KEEP SOIL FROM MIGRATING UPWARD.
4. ADD BASE ROCK TO A RECOMMENDED MINIMUM OF 4 INCHES DEPTH USING 3/4" CLEAN STONE WITHOUT FINES, LEAVING A MINIMUM OF 1: INCH BELOW THE FINISHED GRADE FOR RESIN PAVING. LEVEL AND COMPACT THE BASE AGGREGATE.
5. MASK OFF ADJACENT AREAS IF REQUIRED.
6. MIX AND INSTALL GEOPAVEX PER THE MANUFACTURERS SPECIFICATIONS.
7. POLISH SURFACE AND CLEAN TOOLS WITH MINERAL SPIRITS

#### NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.



GEOPAVEX

RESIN BOUND AGGREGATE