GeoBondX Resin Bound Surfacing

Product Description:

GeoBondX 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:

GeoBondX 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 GeoBondX 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 kiln-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:

Load	Temp °F	Time Hours
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:

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Please note all resins are manufactured in-house from raw materials at time of ordering. Our manufacturing and delivery process ensures a fresh product with no previous shelve life.