

Premier Surfaces Inc.

Premier Patch

Technical Data

Concrete Repair Polymer for Patching and Grout Coating for Concrete Floor Repair



Premier Patch is a concrete repair polymer formulated for concrete surface repairs. It is a low viscosity formulated for self-priming and quick absorption into the concrete creating a high strength, high bonding, and lasting repair.

Premier Patch can be used neat or extended with aggregates to make a repair mortar for larger spalls, cracks, and joint reconstruction. Premier Patch can be used neat and applied as a grout coat to fill fine cracks, and pin holes.

Technical Properties

Mix Ratio by Volume.....	1A:1B
Viscosity.....	< 10 cps
Hardness, ASTM D-2240	70 D
Elongation, ASTM D-412	7%
Compressive Strength	4000 psi
Tensile Strength, ASTM D-412	4480 psi
Bond ASTM.....	1900 psi
Gel Time at 77°F.....	.5 – 7 Minutes
Cure Time.....	30-45 Minutes
VOC Mixed	0.0g/l

Preparation

All surfaces must be clean and dry, free of dirt, oils, dust, moisture, latent and loose materials. Shot-blast or grind the concrete surface before applying. Use a wire brush to clean debris. Square cutting of the repair area is optional. Use HEPA dust control and wear proper dust safety equipment.

Application

Spall and Patch Repairs

Mix equal parts A side with B side for 30 seconds and gravity pour into void leaving an overpour beyond the crack edge and above the surface level of the concrete.

Optional: For larger repairs, polymer mix can be extended with sand or selected aggregates for volume and added strength to the patch.

Grout Coat

For surface grout coating for pin holes and fine cracks, prepare a mix, similarly to a patch, A side with equal part B side for 30 seconds. Pour onto the surface and use a steel trowel at <1mil.

Material removal

Allow Premier Patch 30-45 minutes to fully cure. Remove excess material using a hand grinder with a Zec fiber wheel or diamond cup wheel.

Safety

This product is for professional applicators only. Wear protective clothing. Read SDS before using this product. DOT/Flash Point: Non-flammable. Liquid no regulated.