



Rhino[®] Patch Compound Data Sheet

Rhino[®] Patch Compound – Part # 50006

DESCRIPTION:

Rhino[®] Patch Compound is a non-structural two-part patch system that produces a putty-like substance designed for repairing large cracks (no greater than 3 inches in diameter) and deep holes in concrete. It can create a smooth radius or angled transition from floors to walls and can be a bridging material over seams, bolts and welds on metal surfaces. Repairs larger than 3 inches in diameter should be made with a cementitious based plastic mortar mix prior to diamond grinding or other forms of surface preparation.

TYPICAL USES:

Applications include garage floors, driveways, warehouses, walkways, wastewater treatment tanks, fuel storage tanks, etc. Rhino[®] Patch Compound is applied using a pneumatic plural component cartridge gun with a 1/2 inch diameter 32 element static mix tube.

FEATURES & BENEFITS:

- Easy to use in a convenient cartridge system
- No odor when cured
- Environmentally friendly (100% solids, zero VOCs)
- Compatible with the FastFloor™ base coat and other Rhino Linings[®] spray lining products
- Stable from -20 °F to 110 °F (-28 °C to 43 °C) once fully cured

CHEMICAL PROPERTIES:

Test	Result
Viscosity, cps @ 77°F (25°C)	20,000
Solids by Volume/Weight	100% (iso) : 100% (resin)
Volatile Organic Compounds	0 lbs/gal (0 g/l)
Gel Time @ 77°F (25°C)	2 minutes
Cure (approximately 75% cured)	1 hour
Color	light gray
Shelf Life - Unopened cartridge	12 months

TYPICAL PHYSICAL PROPERTIES*:

Test	Result
Adhesion, psi	ASTM D-903 350 (concrete failure)
Elongation (%)	ASTM D-412 30

CHEMICAL RESISTANCE:

Rhino[®] Patch Compound is not designed to be used without being coated by another Rhino™ thick film or thin film coating. It is not designed to provide primary chemical resistance.

SUBSTRATES:

Rhino[®] Patch Compound can be applied to concrete, metal and wood as a filler or bridging material.

HOW SUPPLIED:

Rhino Patch Compound is supplied in 1500 ml RhinoPak™ cartridges.

RHINO® PATCH COMPOUND *(continued)*:

STORAGE:

Rhino® Patch Compound should be stored in sealed containers between 50° – 110° F (10° – 43° C). DO NOT allow it to freeze.

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)

This chemical system requires the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors.

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Rhino Linings Corporation

9747 Businesspark Avenue, San Diego, CA 92131

858-450-0441 • Fax 858-450-6881

1-800-422-2603

www.rhinolinings.com