

## Product Data

# NOVA/FIVE

## Epoxy Concrete Patch

**Stop Permanent  
Damage From:**

**Concrete Cracks**

**Chipped Concrete**

**Slippery Flooring**

**Rotted Wood**

### NOVA/FIVE...Performance in Action

● **ULTIMATE TECHNOLOGY.** NOVA/FIVE is the latest technology in epoxy resin systems for patching and repairing hard surfaces. This material will stand up to brutal industrial conditions without chipping or wearing away. It will bond with miraculous strength and hold tight despite changes in temperature, constant impact or heavy abrasion.

**PERFORMANCE BENEFIT: An epoxy system that will stand up to almost all industrial conditions for years. Reduces immediate and long-term maintenance costs.**

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● **VERSATILE.** NOVA/FIVE bonds to almost any surface - concrete, glass, wood, ceramic, and most metals with a minimum of surface preparation. It is used to repair concrete cracks, holes and spalled concrete; join floors of unequal level and eliminate bumps; set concrete bolts and level machinery; provide anti-skid surface for stairs, ramps, floors and loading docks; resurface badly damaged concrete and self-leveling floor topping; restore rotten wood; and saturate fiberglass cloth or mats for high strength laminates.

**PERFORMANCE BENEFIT: A workhorse product for many situations and conditions. Only one system needed for a multitude of jobs.**

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● **DURABLE STRENGTH:** Once cured, NOVA/FIVE provides a surface stronger than the original. This strength comes from NOVA/FIVE's advanced formulation. It is a high solids, low viscosity, easily pourable liquid that does not contain coal tar, fillers, or solvents. It will resist shock, abrasion, acids, caustics and solvents. New floors will require little or no maintenance, because the product cures to an extremely hard, non-porous surface.

**PERFORMANCE BENEFIT: Prolongs the life of floors, machinery, etc. Reduces the costs associated with replacement. Saves money.**

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● **EASY TO USE:** NOVA/FIVE is an easy one-to-one mix by volume of two unfilled resins. It can be used as pure epoxy or combined with aggregate to form a patching material that is twice as strong as concrete. Very easy to trowel to a smooth finish every time. So easy to use, an inexperienced worker can do it.

**PERFORMANCE BENEFIT: Simple system reduces mixing errors. Very little product is wasted.**

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● **FAST CURE:** Overnight curing will withstand normal shop traffic. NOVA/FIVE is ready for heavy loads in 24 to 48 hours. It leaves a glossy, tack-free surface even when cured during extremely high humidity.

**PERFORMANCE BENEFIT: Fast cure means less downtime.**

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# APPLICATIONS

NOVA/FIVE is a three-component, high solids, hand-trowelable epoxy-based repair and patching compound. It is used by factories, hospitals, warehouses, truck terminals, parking garages, textile plants, animal care and storage facilities, sewage treatment plants, and anywhere heavy-duty repair is needed.

## DIRECTIONS

NOVA/FIVE is packed in units containing: 1/2 Gallon/Part A, 1/2 Gallon/Part B, and 30 Pounds of ATCO-S Patch Aggregate.

Pour one volume of Part B (Hardener) into one volume of Part A (Resin) and mix thoroughly using a paddle or spatula. Mix until solution is uniform without streaks, scraping sides and bottom of container to mix all material. Mixing with aggregate or pouring mixture into a shallow container will extend working life. USE IMMEDIATELY. Do not apply NOVA/FIVE if surface temperature is below 60°F, because inadequate cure may result. At 70°F or higher, product will harden in four hours, and overnight cure should allow normal shop traffic.

Do not use more product than can be used within a 30-minute period. By volume, the mix ratio of Part A and Part B is 1:1. Each one-gallon unit will cover approximately 200 sq. ft. This coverage may vary slightly due to surface porosity.

## TECHNICAL DATA

<b>Composition:</b>	Three-component epoxy resin system
<b>Type:</b>	Patching compound
<b>Flammability:</b>	Nonflammable
<b>Color:</b>	Pale amber
<b>Viscosity</b>	
<b>Hardener @ 75°F:</b>	1700 CPS
<b>Specific Gravity:</b>	Part A - 1.14 Part B - 0.965
<b>Compression Strength</b>	
<b>At Yield:</b>	11,700 PSI
<b>At Failure:</b>	25,000 PSI
<b>Hardening Time @ 75°F</b>	
<b>Foot Traffic:</b>	16 hours
<b>Heavy Traffic:</b>	24 hours



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