



Ranger Patch RE-18

100% Epoxy Concrete Repair

TECHNICAL DATA SHEET

DESCRIPTION

Ranger Patch RE-18 is a heavy-duty, high compression strength floor patch for repairing and resurfacing damaged plant floors. It renews and repairs spalled and damaged floors, fills and eliminates damaged expansion joints, and anchors machinery.

FEATURES

- 100% epoxy resin base with a catalyst hardener and special blended aggregate
- 18,000 psi compression strength
- Will not break down at temperatures below 350°F
- Withstands heavy, abusive traffic
- Absorbs vibration and shock without cracking
- Excellent for expansion and contraction applications
- Highly resistant to acids, alkalis, solvents, heat, and cold
- Extra-long wearing – permanent and resilient
- Self-leveling – minimal trowel work
- Bonds to concrete, steel and wood
- Kit covers 15-18 sq. ft. at ¼" thick

HOW TO USE

1. Ready floor by removing all loose material. Sweep away dirt. Degrease areas which have a thick build-up of grease.
2. Remove all contents from pail.
3. Pour one special aggregate bag (12 Lbs.) into the empty pail.



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HOW TO USE (CONT.)

4. Pour the contents of the Quart container (PART A) into the pail containing 12 Lbs. of aggregate. Thoroughly mix until uniform.
5. Pour the contents of the pint container (PART B) into the pail containing PART A & the aggregate mix. Mix for about 2-3 minutes.
6. Add second bag of special aggregate from cradle to mixed Parts (A & B) to desired consistency: thick for troweling, thin for pouring.
7. Fill holes, cracks, and crevices to level of existing floor. Feather edges with a trowel. Wet trowel with epoxy thinner and finish off to a smooth surface.

NOTE: You have 25-30 minutes to apply product to floor. RE-18 dries in 12-18 hours for light traffic and 48-72 hours for heavy traffic. Each kit covers 15-18 sq. ft. at 1/4" thickness.

SPECIFICATIONS

	Part A	Part B	Part C
Physical Form	Viscous Liquid	Liquid Hardener	Granules
Color	Clear to Light Amber	Clear	Gray
Odor	Acrylate	Amine	N/A
Specific Gravity	1.13	1.0	70 lb/ft
Flash Point (TCC)	200+°F	200+°F	None
