



TECHNICAL DATA

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IRABOND CR 90 CONCRETE SURFACER/PRIMER

Product Description

A two component, ambient cure, trowelable primer compounded specifically to deal with problems unique to concrete substrates while, at the same time, enhancing the adhesion of Irathane or Iraseal top coats to the concrete. It is a thixotropic, 100% solids material that may be trowel or squeegee applied in a thin coat with ease, yet fill rock pockets and voids over an inch in diameter without running or sagging. The complete absence of solvents minimizes the problems with pinholing and cratering frequently encountered when coating over concrete.

Application Information

Surface preparation – New & Old Concrete

- New concrete and masonry should be allowed to cure for a minimum of 28 days at 75°F prior to coating.
- All old concrete should be inspected careful for surface degradation and all unsound concrete should be removed by mechanical means.
- The removal of laitance and other contaminants should be achieved per methods described in SSPC-SP 13 or ASTM D4258 and produce a surface roughness similar to that of a medium grit sandpaper.
- Holes and cracks larger than 1" in diameter can be repaired with a mixture of CR 90 and clean sand (3 parts sand to 1 part CR 90 by volume)
- All ridges, protrusions and other surface irregularities should also be removed.

Application

- Mixing: 1.2 parts resin to 1 part hardener by volume it becomes thixotropic immediately after mixing.
- **DO NOT** apply in direct sunlight or when the temperature is increasing. It should always be applied when the temperature is declining or constant.
- Application by squeegee is the preferred method. Touch-up may be done by brush. Alternative tools are trowels and heavy nap rollers.
- When applied by squeegee or trowel the material should be spread out and then reworked from several directions to insure filling all of the voids and irregularities in the concrete surface.
- Touch-up work may be done by brushing into any areas not covered by the first coat.
- Topcoats may be applied directly to the CR 90 surface if less than 48 hours at 75°F have elapsed.
- Pot life = 35 minutes @ 75°F

Recoat Times @ 75°F

	Minimum	Maximum	Time before UU 96 is required
CR 90	1 hour	7 days	48 hours

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