



Epoxy 200 Quick Set Data Sheet

Part # E200QS-1

DESCRIPTION: Epoxy 200 Quick Set is formulated to cure at temperatures as low as 20°F. It provides outstanding solvent, water and corrosion resistance when fully cured and will have excellent adhesion to properly prepared concrete or metal surfaces. Solvent thinning is not recommended for this product.

TYPICAL USES: Epoxy 200 Quick Set is used where climatic temperature for long periods drop below 40°F. Suggested uses are marine and industrial maintenance primers, barrier and topcoats, immersion service in fresh and salt water and concrete floors. It makes an excellent primer for damaged concrete surfaces prior to applying Quick Set Patch Mix.

FEATURES & BENEFITS:

- Ability to apply at low temperatures
- Available in gloss or low sheen finish
- Immersion capabilities

CHEMICAL PROPERTIES:

	Result
Solids by Volume	60%
Volatile Organic Compounds	2.84 lb/gal (340 g/l)
Mix Ratio, Parts per Volume	3A : 1B
Pot Life	6 hrs min @ 20°F (7°C)
Dry to Touch	30 – 60 min
Recommended Application Temperature	≥20°F (7°C)
Flash Point:	45°F (7°C)
Color	clear (A) : light gray (B)

MOISTURE VAPOR TESTING: All concrete floors not poured over a proper moisture barrier, are subject to possible moisture vapor transmission or hydrostatic pressure problems which can cause a coating system to blister or fail. Before applying a coating system over a concrete floor which is on-grade or below grade, the customer should be informed of this potential problem and given the option to have a qualified moisture testing company perform calcium chloride test to give the proper recommendations.

COATING THICKNESS:

Recommended WFT	8 mils per coat
Recommended DFT	4 mils per coat

SURFACE PREPARATION:

Steel: Sandblast to an SSPC-10 blast (near white).

Aluminum: Sandblast equal to and SSPC-10 (near white).

Old Epoxy: Sand with 80 grit sandpaper.

Concrete: Sandblast, shotblast or acid etch. Detergent scrub and pressure wash where needed.

MIXING INSTRUCTIONS: Mix 3 parts A with 1 part B making a ratio of 3:1. If possible, use a Jiffy type mixer to ensure proper blending. Epoxy 200 Quick Set may be mixed by boxing or stirring by hand, although this method will require a minimum induction time of 1/2 hour even at 20°F. Induction times vary according to temperature conditions. INDUCTION TIME: 20° – 30°F = 30 min; 60°F – 70°F = 15 min; Above 70°F = 0 min.

APPLICATION INSTRUCTIONS: For most applications, two coats is recommended. For below waterline applications, three coats is recommended. When used as a primer for Quick Set Patch Mix, one coat is sufficient.

Apply using a paint brush or 1/4 – 3/4" nap paint roller (1/4 for smooth surfaces, 3/4 for rough surfaces). When used as a primer for Quick Set Patch Mix, prime the area to be patched and immediately apply the Quick Set Patch Mix. The Epoxy 200 Quick Set should be wet when the Quick Set Patch Mix is applied.

When applying over another coating, overcoat time at 20° – 40°F varies.

Polyurethane: must be applied between 8 – 24 hrs.

Alkyds: must be applied within 6 – 8 hrs.

Epoxy Topcoats: must be applied between 4 – 24 hrs.

Quick Set Patch Mix: apply immediately while still wet.

COLOR OPTIONS: Light gray

CONCRETE SOLUTIONS® EPOXY 200 QUICK SET *(continued)*:

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

Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

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