

RhinoCoat™ Self-Level system consists of RhinoCoat EP as the primer (RhinoCoat GP is optional as a substitute). Then RhinoCoat Self-level as the bodycoat. RhinoSeal UV can be optional for a UV top seal.

OVERVIEW

Prepared Surfaces to be coated should be sound and provide adequate strength for the proposed end use. If in doubt, check the integrity with a bond tester - minimum requirement is 220 psi. Remove any surface laitance and achieve desired profile by means of shot blasting. The surface profile for this system should be CSP 3 – 4. The concrete substrate moisture vapor transmission (MVT) should not exceed 5 pounds per 1000 ft² over 24 hours when tested prior to application. Irregularities, substrate damage, and cracks should be filled. Contact Rhino Flooring™ for advice if there are suspected contaminants.

OUTLINE SPECIFICATION

- RhinoCoat EP at 175 square feet per gallon
- RhinoCoat Self-Level is 3 gallons of RhinoCoat GP + 1 bag of RhinoCrete SL, and 12 ounces of RhinoFloor Universal Color Pack.

MIXING/APPLICATION

RhinoCoat EP is 2 parts A (resin) to 1 part B (hardener) for the mixing ratio. Mix thoroughly for 3 minutes using a drill motor and mixing paddle in a mixing container. Scrape the sides and bottom. After mixing, allow a 3 minute induction period then mix again for approximately 15 seconds. Immediately pour the entire container in a thin row on the floor and begin spreading. If it sits in the container too long, it may set up prematurely. Mix only the amount of material that can be used in a 15-20 minute time period.

Air or airless spray (heaters and plural component equipment not required), roller, squeegee, brush (small areas) are methods of application.

Once cured, mixing of the Self-level will occur. The Universal Color Pack is to be added to the RhinoCoat GP part A (resin) and stirred well. Add the part B (hardener) to the pigmented A. Use a slow speed drill and mix the two thoroughly for two minutes. Transfer the mixture into a container that is at least larger than the volume of 7 gallons. The entire bag of RhinoCrete SL will need to fit within. Mix the SL aggregate into the mixture thoroughly. Take note that poor or incorrect mixing can create irregular variations in color or hardening.

The Self-Level mix is poured out quickly onto the floor after its thorough mix. Spread out the mix using an 1/8th inch spaced rake. If it is spaced at 1/8th inches an 80 mils thickness can be achieved depending on the material that is laid out and the measuring of how far it will need to go.

After around 5 minutes, use a spiked roller over the surface to remove bubbles and smooth out the compound. In order to not have problems with poor texture or inconsistent colors, take caution to not spike roll too late.