

Hard Rock Advice Eco-Stain Concentrate

WHAT IS ECO-STAIN?

Eco-Stain is a user friendly, water based, semi transparent, penetrating liquid that gives much more control over the design and colour of your project.

Stock colours can be mixed, diluted or layered to transform boring, life-less concrete into a multi-coloured antiqued, variegated surface.

Application can be used on floors, walls, countertops and any other architectural elements in both residential and commercial concrete settings.

REQUIREMENTS

Super Concrete Renovator (SCR), Sprayer, Brush, Sponge, Measuring Cup, Rags.

PREPARATION

In order to obtain ideal porosity, the use of SCR or grinding equipment is necessary. Concrete surface should feel like 100 grit sandpaper.

Surface must be free of dust, dirt, oil or any foreign matter or contaminant that may prevent proper absorption.

Eco-Stain is best applied on fully cured concrete and concrete overlays.

Application on non-fully cured concrete is possible but final color may not be realized until 28 days after application, or once concrete is fully cured.

Stain should not be applied on flaking or spalling concrete.

TEST

A water drop test may be used to check the concrete is porous enough. If a drop of water absorbs into the concrete immediately, proceed with staining.

Once area is cleaned and feeling like 100 grit sandpaper, choose an area out of the way that can be used for testing. This will allow you to see how the colour will blend with your concrete and to assess if a stronger or lighter concentration is necessary.

MIXING AND APPLICATION

Eco-Stain is available in a 32oz. Concentration as well as a 4, 8 and 32oz. Standard strength.

Apply in temperatures between 10° C and 32° C.

The colour charts are based on two applications of Eco-Stain at standard strength.

32oz. Of concentrate mixes at 3 parts water to 1 part Eco-Stain (3:1) for a standard strength .

When diluting concentrate make sure to use clean water and mix for 10-15 seconds. Standard strength average coverage is approximately 200 square feet per gallon.

Application can vary depending on the desired look. Spraying Eco-Stain is the most common way to apply, but sponging or ragging it on is also acceptable. Never apply using a roller as track lines (roller lines) will show.

SEALING

Eco-Stained concrete must be sealed. Interior with 2 coats of water based polyurethane and exterior with 2 coats of solvent based acrylic sealer.

SOME CONCRETE SUBSTRATES ARE EXCESSIVELY POROUS. THESE MAY ABSORB STAIN SO DEEPLY THAT LITTLE COLOUR, IF ANY, IS VISIBLE.. THE USE OF ECO-PRIME IS REQUIRED. SC POLYMER IS DILUTED TO MAKE ECO-PRIME. ECO-PRIME WILL BLOCK THE PORES SO THAT THE STAIN WILL REMAIN CLOSER TO THE SURFACE OF THE CONCRETE AND THEREFORE MORE VISIBLE.

RESOURCES

Surecretedesign.com—Technical Data Sheets, SDS sheets and instructional videos.

HardRockDevelopments.com—Technical Data Sheets and SDS Sheets

