

Why Seal Concrete?

Sealing prevents water from penetrating concrete. Water erosion causes concrete to crack. Sealing also keeps out salt, chemicals, dirt, and plant growth. In the case of Exposed Aggregate Concrete, sealing with a top-coating sealer helps prevent the stones from loosening by forming a barrier between the aggregate and the elements. Therefore sealing will extend the life and new appearance of any type of concrete.

Will Eagle Cure & Seal new concrete?

EAGLE PREMIUM COAT and *Eagle Satin Seal* meets ASTM specifications C-309 and C-1315 for curing and sealing new concrete. Concrete cures for 28 days and the acrylic film will trap moisture and thereby aid the fresh concrete to cure more evenly. Sealer can be applied as soon as concrete is hard enough to walk on.

What types of sealers are there?

Film-forming sealers like *EAGLE Supreme Seal*, *Satin Seal*, and Premium Coat lay on top of concrete forming a barrier between the concrete and the elements. EAGLE PREMIUM COAT and *Eagle Supreme Seal* are solvent-based topcoat and *Satin Seal* is water based topcoat. Water based film are not as dark and glossy and can be inconsistent in differing weather conditions.

Penetrating sealers penetrate the pores of the concrete but will not help exposed aggregate stones form loosening and will not enhance the appearance of the concrete. In fact penetrating sealers or water-proofers are basically invisible when dry.

What do sealers do to the appearance?

EAGLE PREMIUM COAT is solvent based and will give the concrete a dark wet glossy look. This is very desirable for exposed aggregate. *Eagle Satin Seal* is Non-Yellowing and is recommended for Stamped, gray exposed aggregate or white sand concrete. For plain concrete, some homeowners may not want the dark glossy look. *Eagle Satin Seal*, a water based product, may be more desirable. It will bead water and shine to a semi-gloss but not darken concrete. It has Sun Blockers that will prevent discoloration. Penetrating sealers will have no appearance.

What is yellowing?

Over time the sun can discolor or yellow the concrete. On a brown exposed aggregate this is hardly noticeable. For Gray exposed aggregate a gray tint will diminish this likelihood. However for plain concrete, stamped concrete, or white sand concrete one of our non-yellowing, like *EAGLE Supreme Seal* which is solvent based or *Eagle Satin Seal* which is water based, products are recommended.

Will Sealing prevent cracking?

Maintaining a proper seal prevents salt, oil, water, and plant growth from eroding the concrete and may extend the life of the concrete. However, if the ground settles under the concrete, it will crack anyway. All concrete surfaces will crack eventually.

For more information visit our website at www.eaglesealer.com.