



SRI Concrete Products – Overlay Systems **Bond Coat/Spray Texture – Application Instructions**

COLORS

Any producer's color packs may be used in SRI Overlay. It will take approximately a single one pound color pack per bag of Bond Coat/Spray Texture or per bag of Overlay. All colors vary by manufacturer. It may take more or less color packs to achieve the desired color. Match the color chart to the color in the bucket while mixing to achieve the closest results. Always have more color packs on hand to make adjustments.

BOND COAT

Mixing

Add four (4) quarts of water to an empty, clean 5 gal. container. Slowly introduce one (1) 50 lb. bag of Bond Coat/Spray Texture Bag Mix while mixing with an adequate drill equipped with a cage type mixer. A 450-500 rpm variable speed drill is recommended. Add color packs at this point. Mix thoroughly for at least one (1) minute paying close attention to potential dry material on sides or bottom of bucket. Additional bag mix may be required to achieve desired consistency.

NOTE: The amount of water required may vary slightly due to temperature and humidity. i.e. cool temperatures and/or high humidity requires less liquid solution for equal workability. Also, smaller jobs may only require mixing partial bags of bond coat.

Application

Cover or mask all areas requiring protection with tape and paper so the material does not bond to unwanted surfaces. Dampen concrete before applying bond coat. Concrete MUST be damp with no standing water prior to bond coat application. Pour mixed material onto the existing damp slab and trowel to approximately 1/16" or 1/8" thickness. This will fill in any slight inconsistencies in the concrete surface and leave a flat, even base that is essential for a successful application.

NOTE: Bond coat coverage rates for texture are generally less than bond coat coverage rates for a stamped overlay. Stamp mix material will fill small inconsistencies in the surface. Texture coat must be applied slightly thicker and much smoother than that of stamp bond coat to help hide surface inconsistencies.

After the bond coat is dry, (this should occur within two hours depending on climate) rub down any high spots or trowel marks with a brick or shave using a trowel. Broom and blow off surface to remove loose material.

SPRAY TEXTURE

Mixing

Add four (4) quarts of water to an empty, clean 5 gal. container. Slowly introduce one (1) 50 lb. bag of Bond Coat/Spray Texture Bag Mix while mixing with an adequate drill equipped with a cage type mixer. A 450-500 rpm variable speed drill is recommended. Add color packs at this point. Mix thoroughly for at least one (1) minute paying close attention to potential dry material on sides or bottom of bucket. Lumpy material will not shoot well through the hopper gun and will result in an uneven texture. Adjust the consistency with additional water (up to one quart per bag) as needed to suit personal techniques.

Application

Cover or mask all areas requiring protection with tape and paper so that material does not bond to unwanted surfaces. Carefully place stencils or tape as required. Do not dampen bond coat prior to shooting texture.

Read and understand all operating instructions for hopper gun and air compressor prior to starting project. Adjust air pressure typically between 8 and 15 psi and set hopper gun orifice to desired size. Fill hopper approximately 80% and hold 36 to 48 inches above surface. Shoot texture evenly over surface in small circular or figure 8 patterns achieving the desired coverage. Use care not to disturb stencils while walking or stepping backwards.

The newly shot material will have a glossy or wet appearance. After this gloss has become matte or dull, the material is ready for troweling. This time (usually 1 to 5 min.) will vary depending on temperature and humidity. Wearing metal-cleat golf shoes or spikes, walk out to the area ready to trowel. Using a round-corner trowel, lightly test an area to establish the force required for the desired texture. Once the required force is established, maintain this pressure while troweling in a large arching motion. Wipe trowel after each pass with a damp rag to ensure a clean texture.

After the texture coat has dried, (usually the following day) tape and stencils may be pulled. After lifting tape, stencils, and any masking, remove rough points or edges with a trowel by scraping it across the surface. Use a blower to remove loose material.

SEALER

Two coats of clear or pigmented sealer are required to complete the project. The surface must be clean, completely dry and at least 40° F during the sealer application. Open the pail of sealer and mix thoroughly with drill. To apply with roller, use a solvent resistant, ½" nap. Apply one thin coat forcing the sealer into the low areas of the texture. Allow sealer to dry then repeat the process with a coat of non-skid modified sealer. To apply with an airless sprayer, use a size 8/13 reversible tip and spray evenly onto the concrete surface. Allow first coat to dry completely and apply the second non-skid modified coat in the same manner.

CURE TIME

Allow twenty-four (24) hours before permitting foot traffic on sealed area. Allow seventy-two (72) hours before permitting vehicle traffic on sealed area.

CLEAN UP

Equipment and tools should be cleaned immediately after use. Water may be used to clean SRI Overlay System Products from tools.

COVERAGE

Bond coat: 200-250 sq.ft. per bag

Spray Texture: 125-175 sq.ft. per bag

Overlay: 18-20 sq.ft with gauge rake set at 3/8"

Please note: Coverage rates can vary greatly based on surface profile and application techniques. Order extra material to make sure you have enough.