A-9,100
Waterproofing Basecoat System With Stamp Finish

Description
This specification is designed and engineered for above grade structures that require waterproofing. **Americrete's** Waterproofing Basecoat System was designed as a lightweight waterproofing system that provides a durable coating for plywood.

Limitations
Americrete's Waterproofing Basecoat System must be placed on structurally sound surfaces only. The integrity of the structure is crucial.

Wood Structures
Wood surfaces must be free of oils, contaminants, trash, sawdust, etc. and must be structurally sound and secured by screws or ring shank nails before application. This system can be applied directly over existing wood surfaces consisting of 5/8" to 1" plywood. This system is not approved over ½" plywood or OSB board. Apply over recommended surfaces only. Plywood must have a ¼" fall per foot (slope).

Metal Flashing
Metal Flashing should be 26 gauge galvanized metal or better. Flashing shall be clean and rust and/or corrosion free. All oils should be removed with mineral spirits. All wall to deck flashing shall be 4" x 4" or better. Flashing shall be overlapped by 3" to 4" and caulked with 2 beads top and bottom at all overlapped areas. Vertical and horizontal caulking shall be Sika 1A polyurethane or equal. Facial flashing is to be 2" x 4" or better with no gravel stop. All flashing is to be nailed every 4" and vertical areas to be nailed at the top of all stud areas.

Plywood Seam
All plywood seams must be covered with duct tape prior to installing metal lath.

Metal Lath
A 2.5 gauge galvanized expanded metal lath must be applied over entire plywood and metal surfaces with all diamond metal lath seams overlapping 1". Lath to be

fastened by stapling with galvanized 1" by 5/8" crown staples, minimum of 24 staples per square foot. All overlapped lath shall have staples every 1" on the seams.

Crickets
When installing lath on an enclosed parapet wall deck, crickets are required to get water off the deck and into scuppers or drains. You can achieve this by cutting lath pieces at 45-degre angles and nailing them between drains or scuppers. Use 3 pieces of lath, each one cut smaller than the prior, and lay them on top of another and secure with staples or nails. This will achieve a gradual build-up when **Americrete's A-900 Waterproofing Basecoat** is applied into lath.

Waterproofing Basecoat
Mix 5 quarts of water to 1 bag of **A-900 Waterproofing Basecoat**. Apply wet mixture directly into diamond mesh at a rate of 30 to 40 square feet per mix. Metal lath must be completely covered. Allow to dry.

Concrete Bonder Admix and Flex Mesh
Apply **A-1600 Flex Mesh** over entire surface with 1" overlap at all seams. Saturate **A-1600 Flex Mesh** with **W-8000 Primer** and allow to dry.

Concrete Resurfacer
Mix 5 to 6 quarts of water to 1 bag of **A-600 Concrete Resurfacer** or **A-750 Stamp Primer**. Apply **A-600 Concrete Resurfacer** or **A-750 Stamp Primer** over **A-1600 Flex Mesh** at a rate of 150 to 250 square feet per mix. This can be done with a trowel or squeegee. Allow to dry.

Stamp Overlay
Mix 5 to 6 quarts of water to 1 bag of **A-750 Stamp Crete Primer** and apply to deck at 200-250 square feet per bag. Apply **A-700 Americrete Stamp Crete** mix directly into wet **A-750 Stamp Primer** at a rate of 25 square feet per bag. Do not let the stamp dry before spraying **A-1800 Liquid Release** and stamping the product with **Americrete** rubber designed mats.

Let Stamp dry overnight. Wash with mild TSP or water. Saturate the surface with **A-300 Concrete Bonder Admix** at a rate of 200 to 300 square feet per gallon. If shrinkage cracks occur, sponge wet **A-700 Stamp Crete** into those areas.

Apply a solid coat of **A-1000 Concrete Stain** or **A-2050 Enviro Stain** over the entire area and add additional colors if needed.
Note: Stain may be cut with up to 25% water but do not exceed that amount.

Apply 2 coats of **A-1400 High Shine, A-1450 High Shine Plus, A-4200 Shine and Seal, A-1350 Concrete Shield, or A-5500 Waterbase High Shine** at a rate of 300 to 400 square feet per gallon, depending on which sealer is used. Or apply

2 coats of concrete water base sealer. It is mandatory to do 2 coats. Sealer will vary depending on application.
This specification is intended only as a guideline since **Americrete** products are warranted to Certified Applicators only.

Flashing Procedure for Americrete Waterproofing System

1. Apply 4x4 or 6x4 flashing at walls and over threshold areas. Overlap flashing ends by 4" and apply 2 beads of caulking at each seam of the flashing, top and bottom. Nail the flashing every 4" to 6" on the flashing laying on the decking surface. Nail at the top of the flashing at every stud.
2. End the flashing at a stud, and use 2 nails at all the metal seams, top and bottom.
3. If the deck is an open rail deck, at the end of the deck, extend the flashing 4" and bend it around to the wall so the stucco paper can be applied over the 4x4 flashing.
4. Then apply 2x4 fascia flashing at the end of the deck. Remember to caulk and nail all of the areas where metal is overlapping.
5. If stucco is to be applied at the edge of the deck, be sure to leave the flashing ¾" beyond the deck to accept the stucco. The stucco should be under the flashing.
6. If no fascia flashing is required, and you have a wall, you must have scuppers, drains or both, and an overflow scupper so the water will drain properly.
7. If drains are required, Americrete approves only Thunderbird Deck Drains. Never use copper drains, scuppers or copper flashing with our metal lath systems to avoid electrolysis. If scuppers or drains are required, be sure the distance between each is no more than 6 feet. Install crickets between scupper with lath and **A-900 Waterproofing Basecoat**. Build up at 45-degree angle to divert water to drains.
8. All decks must have at least 5/8" plywood with joists 16" on center and they must be 2x10 or greater with ¼" fall per foot. All decks are to be screwed or ring-shanked, nailed and glued.

Metal Lath Waterproofing with Stamp Finish

Note: Always use **Americrete** flashing procedures.

1. Apply duct tape at all the plywood seams.
2. Apply metal lath over the deck surface and fasten with 5/8" x 1" crown staples. Staple patterns must be 24 staples per square foot. All lath seams must be overlapped 1" and metal lath shall be no more than ½" away from the walls or edge of the deck covering all flashing. Beat down staples at lath seams before applying **A-900 Waterproofing Basecoat**.
3. After lath has been applied, mix 5 quarts of water to 1 bag of **A-900 Waterproofing Basecoat** and trowel into the lath at a rate of 30-40 square feet per bag (lath should be completely covered). Allow to dry completely.
4. Apply **A-1600 Flex Mesh** over the entire surface and saturate with **A-375 Admix** by using a roller to apply the **A-375 Admix**. Allow it to dry.

5. Mix 5 to 6 quarts of water per bag of **A-600 Concrete Resurfacer** and apply using a squeegee at a rate of 150 to 200 square feet per bag over the **A-1600 Flex Mesh**, covering it completely. Allow it to dry.
6. Apply **A-750 Stamp Crete Primer** onto dampened surface at a rate of 200 to 250 square feet per bag. Apply **A-700 Stamp Crete** with a ¼" Gauge Rake directly into the wet **A-750 Stamp Crete Primer**. Do not lay out **Stamp Crete Primer** too far ahead as it will dry before the application of the **A-700 Stamp Crete.**
7. Apply **A-700 Stamp Crete** evenly with a ¼" Gauge Rake. Use a Fresno trowel or the back of a squeegee to remove the lines left by the screed rake.
8. Allow the **A-700 Stamp Crete** to set so that it is stiff. Do not allow the **A–700 Stamp Crete** to dry completely.
9. Spray **A-1800 Liquid Release** onto the stamps and the surface area. Do not spray the **A-1800 Liquid Release** to far ahead, as it will evaporate before use. Lay the stamps onto the surface, and either walk or pound in the impression. Then remove the stamp and move it to an un-imprinted area. Repeat the process until the entire surface has been stamped.
10. Next day. Tool out the unclean grout lines and scrape the surface lightly.
11. Wet the stamped area and broom TSP mixed with water over the entire surface, and hose off. Do not apply TSP directly to the stamp.
12. If any shrinkage cracks are visible, sponge in wet **Stamp Crete** into the cracks. Remove excess material.
13. Apply **A-300 Concrete Bonder Admix** over the entire surface at a rate of 200 to 300 square feet per gallon and allow to dry.
14. Wet the area and broom or spray on the **A-1000 Concrete Stain** or **A-2050 Enviro Stain** and repeat this process until the desired look is achieved. Allow each coat to dry
before applying another, or wait 24-hours and apply 2 coats of **A-1400 High Shine**, **A-1450 High Shine Plus**, **A-4200 Shine and Seal, A-1350 Concrete Shield,** or **A-5500 Water Base High Shine** sealer.
15. Once the final color is dry, you may apply 2 coats of **Americrete's** water based sealers the same day. Always wait 24 hours before applying our **High Shine** or **Shine and Seal** sealer and do not apply if precipitation is expected.

Product Warranty:

Americrete, Inc. blends its products to the highest quality. Warranty does not apply to any persons, company or private individuals who have not attended an Americrete, Inc. training class and/or have not been approved as a Certified Applicator of Americrete, Inc. products. This warranty is limited to the replacement of material (product) for a period of 1 year for single product application and for a period of 5 years for entire system application only if the maintenance has been performed as stated above and the product(s) have been proven to be defective. Product must be applied to manufacturers specifications, and over a sound substrate. There is no warranty for cracking, damage to substrates or replacement

of any tangible items. This warranty, dated October 2004, supercedes all previous warranties.

Note: Americrete products are to be applied only when surface temperatures are at 55 degrees or higher. Do not apply when rain or other precipitation is expected within 24 hours.