



A-85,000

Floor Leveling Underlayment - Gray

This specification includes resurfacing methods used when applying **Americrete A-680 Underlayment Self Leveling - Gray** over existing concrete substrates. Application procedure includes cleaning, repairs and resurfacing.

Material List for 300 Square Feet Specification for On-grade Surfaces

- 1 Kit A-7225 100% Solid Epoxy, 1:1 Ratio
- 3 Bags #30 Sand
- 12 Bags A-680 E-Z Level
- 2 Kits A-7200 100% Solid Epoxy, Clear

Surface Preparation

Surface Preparation of Existing Coated Surfaces

Remove all existing coatings, sealers, curing agents, old cool deck, epoxy stone and other foreign materials by shot blast equipment, air or chipping gun, in order to reveal clean concrete. Thinly applied materials such as paints, sealers, or curing agents must be completely removed.

Surface Cleaning – Only if oil is present

New or un-coated surfaces should be degreased with Americrete Degreaser to remove dirt, grease, oil and grime from the substrate. The surface will also be cleaned using Americrete Degreaser. Allow the Degreaser to saturate the surface for at least 30 minutes and then rinse with clean water. The surface may require at least 2 etchings and rinses with Degreaser to achieve the same results.

Preparation

1. Before any of the Americrete products are applied over concrete, the slab must be rid of sealers, and any type of curing compounds. This can be achieved by mechanical removal, bead blasting or grinding. The pores of the concrete must be opened before application begins. All cracks should be opened with a Crack Chaser or a V-blade before the surface is cleaned.
2. Repair all cracks with A-7300 Epoxy Paste and allow to dry or A-1700 Cementitious Crack Repair Kit.

3. Mix A-7225 100% Clear Epoxy at a ratio of 1:1 and apply to concrete substrate at a rate of 200 square feet per gallon and as A-7225 Epoxy is wet apply a thick broadcast of #30 sand over the entire area, covering completely.
4. Allow to dry completely.
5. Mix 2 bags at a time of A-680 Underlayment and apply to floor at a ¼" in thickness. Note: Each 2 bag blends should be blended with 11 ½ to 12 quarts of water. Note: Always apply each new batch of A-680 to a wet edge. Application: A-680 should be pumped onto the surface or it can be mixed in buckets and poured onto the surface. Use a ¼" Screed Rake and follow directly behind with a spreader trowel.
6. If desired, you can cut patterns into the surface prior to staining and sealing the surface.

Typically this process is used to level the floor prior to laying carpet or tile. However, should you choose to use the A-680 as a finished floor, follow the steps below:

1. Sand the surface, if necessary prior to staining surface and clean thoroughly to remove all dust.
2. Broom A-1505 Efflorescence Blocker to the surface at a rate of 300 square feet per gallon. Allow to dry.
3. Stain the surface with Americrete A-1000 Stains at a rate of 300 square feet per gallon. Stains can be applied by shapen sprayer, airless sprayer, sponge, spray bottles, etc., depending on the desired look.
4. Allow to dry.
5. Mix A-7200 Epoxy Part A with Part B and apply to floor with a Notch Squeegee and ¼" Nap Roller at a rate of 300 square feet per kit. Allow to dry and apply a 2nd coat of A-7200. Allow to dry 48 hours before waxing.
6. Apply Innovation wax by Waxie to surface – 4 to 6 coats.

Note: Other Americrete Sealers can be applied to the surface, consult an Americrete Technician for further information at 800-775-8880.

Note: Using any material other than Americrete products will void the warranty. All application procedures must be followed in order for the warranty to be valid.

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.