



## UltraCrete TX1000 All-In-One Overlay Installation Instructions

### **Area Preparation:**

Be sure to mask or cover all areas that are not intended to be covered with UltraCrete TX1000 All-In-One Overlay.

### **Concrete Substrates:**

- Remove loose particulates and other foreign materials. If an existing coating is not structurally sound, remove from the intended application surface.
- Chase any substrate cracks and repair with proper materials. Create a texture via a grinder on exposed surface materials used to repair cracks.
- Thoroughly pressure clean surface with a 3500 PSI washer.

### **Tile and Non-Porous Substrates:**

- Create a profile utilizing a traditional low speed floor buffer in conjunction with a black pad.
- Thoroughly flush area with water or pressure clean surface. If grease or other contaminants are present, clean surface with an appropriate cleaning solution.

### **Mixing Instructions:**

UltraCrete TX1000 All-In-One Overlay can be applied as a spray texture, hand trowel, stampable overlay or vertical wall mix. UltraCrete TX1000 All-In-One Overlay incorporates a high level of polymer modification allowing for the water to product ratio to be adjusted in order to accommodate application methods, specific substrates, weather conditions and other jobsite variables. Mix with cool potable water only. In a 5 gallon pail mechanically mix UltraCrete TX1000 All-In-One Overlay utilizing a drill with a 1/2 inch mortar mixing paddle (egg beater style) while adding the recommended ratio of water.

### **Spray Texture/Hand Trowel:**

Mix thoroughly a 50 lb bag of UltraCrete TX1000 All-In-One Overlay with 5.5 quarts of cool potable water. A consistency similar to “pancake batter” is desired for the ready to use UltraCrete TX1000 All-In-One Overlay. The ready to use material should “flow” off the mortar paddle when remove from mixing pail.

**Stampable Overlay:** Mix thoroughly a 50 lb bag of UltraCrete TX1000 All-In-One Overlay with 4 quarts of cool potable water. A consistency similar to “a thick milkshake” is desired for the ready to use UltraCrete TX1000 All-In-One Overlay. The ready to use material should have “body”; resulting in some of the product to remain on the mortar paddle when removed from the mixing pail.

### **Vertical Wall Applications:**

Mix thoroughly a 50 lbs bag of UltraCrete TX1000 All-In-One Overlay with approximately 3.5-3.75 quarts of cool potable water. A consistency similar to “cookie dough” is desired for the ready to use UltraCrete TX1000 All-In-One Overlay. A majority of the ready to use material should remain on the mortar paddle when removed from the mixing pail.

### **Application Instructions:**

#### **Spray Application: (150-200 sf. per bag at 50%-100% coverage. Varies depending on surface condition)**

- Using a chip brush, free coat expansion joints and edges with UltraCrete TX1000 All-In-One Overlay.
- Spray Application requires a 2 coat application. The first coat is applied thin and can be integrally colored. This coat is referred to as a skim coat which can be troweled, squeegeed or applied via a hopper gun with high pressure (approximately 40-45 psi).
- If patterning, apply a tinted base coat while keeping expansion joints free of material build up. After base coat is completely dry and structurally sound, create the pattern of choice with patterning fiber tape or a stencil.
- Apply the second or finish coat with a hopper gun utilizing low air pressure (approximately 15 psi). The finish coat can also be integrally colored. Apply the finish coat to achieve a textured appearance (approximately 80% of the application area).

(continued on back)

- As the finish coat begins to setup, “knock down” the finish coat utilizing a hand trowel to achieve the desired appearance and texture.
- If patterned, pull tape or stencil to expose pattern before UltraCrete TX1000 All-In-One Overlay cures.
- After completely dry (usually the next day), use a blade scrapper to groom and remove loose product.
- Grind control joints free of any UltraCrete TX1000 All-In-One Overlay with a 1/8 inch diamond blade. Blow substrate clean.
- If integral color was not used, apply color and sealer products to fully cured installation. Follow product manufacturers instructions.

**Trowel Application: (100-150 sf. per bag at 1/16”-1/8”. Varies depending on surface condition)**

- Using a chip brush, free coat expansion joints and edges with UltraCrete TX1000 All-In-One Overlay.
- If patterning, apply a tinted base coat while keeping expansion joints free of material build up. After base coat is completely dry and structurally sound, create the pattern of choice with patterning fiber tape or a stencil.
- Apply UltraCrete TX1000 All-In-One Overlay and trowel texture to desired appearance.
- If patterned, pull tape or stencil to expose pattern before UltraCrete TX1000 All-In-One Overlay cures.
- After completely dry (usually the next day), use a blade scrapper to groom and remove loose product.
- Grind control joints free of any UltraCrete TX1000 All-In-One Overlay with a 1/8 inch diamond blade. Blow substrate clean.
- If integral color was not used, apply color and sealer products to fully cured installation. Follow product manufacturers instructions.

**Stamp Application: (25-30 sf. per bag at 1/4”. Varies depending on surface condition)**

- Using a chip brush, free coat expansion joints and edges with UltraCrete TX1000 All-In-One Overlay.
- Apply UltraCrete TX1000 All-In-One Overlay via a trowel or gauge rake to desired material build.
- Prior to skin-over or set-up mist UltraCrete Liquid Release Agent onto stamp/skin as well as troweled material.
- Prior to skin-over or set-up texture UltraCrete TX1000 All-In-One Overlay with interlocking stamps or skins (prevent material build up in expansion joints).
- After stamping, remove perimeter edge tape before UltraCrete TX1000 All-In-One Overlay hardens.
- After completely dry (usually the next day), use a blade scrapper to groom and remove loose product.
- Grind control joints free of any UltraCrete TX1000 All-In-One Overlay with a 1/8 inch diamond blade. Blow substrate clean.
- If integral color was not used, apply color and sealer products to fully cured installation. Follow product manufacturers instructions.

**Vertical Application: (Coverage dependent on surface condition and application thickness)**

- Vertical Application is recommended as a 2 coat application for installations over cinderblocks, brick or other patterned substrates. The first coat is applied thin. This coat is referred to as a base coat (follow mixing instructions for Hand Trowel), which is troweled onto the substrate.
- Allow base coat to dry.
- Trowel UltraCrete TX1000 to 1/4 to 1 inch material build.
- If texture stamping is desired, mist UltraCrete Liquid Release Agent onto stamp/skin as well as troweled material.
- Texture, stamp and or carve to achieve the desired appearance.
- After completely dry (usually the next day), use a blade scrapper to groom and remove loose product.
- If integral color was not used, apply the appropriate Ultra Concrete Coatings color and sealer products to fully cured installation.

**Moisture/Alkalinity:** The absence of an effective vapor barrier may create an environment for moisture vapor transmission as well as high levels of alkalinity in concrete slabs (generally, but not limited to interiors). Introducing an impermeable coating/flooring system to this environment may result in blistering or general failure. Thus, a calcium chloride test (ASTM F-1869) and/or relative humidity probe (ASTM 2170) should be conducted and is the responsibility of the installer. Ultra Concrete Coatings, LLC is not responsible for failures due to the presence of moisture vapor emissions and/or high levels of alkalinity.

**Clean Up:**

While UltraCrete TX1000 All-In-One Overlay is still wet, equipment may be cleaned with water.

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