

# ULTRA-TEX®

Decorative Finish For Use  
On Horizontal Concrete Surfaces



The Euclid Chemical Company

Ultra-Tex  
Decorative Finish  
**Application Instructions**  
For Use On Horizontal Concrete Surfaces

## **Recommended Tools For Installation of The Ultra-Tex Finish**

1. Variable Speed Drill capable of producing 1000 RPM
2. Mixing Blade
3. Extension Cord
4. Clean 5 gal (19 L) Plastic Containers
5. Measuring Bucket 1 gal (3.8 L), 2 gal (7.5 L) etc.
6. Hand Grinding Stone
7. Builders Square
8. Tape Measure
9. Level
10. White Chalk Line
11. White Chalk
12. Pencil
13. Utility Knife
14. Scissors
15. Masking Tape
16. Stainless Steel Pool Trowel
17. Stainless Steel Trowel
18. Margin Trowel
19. Small Paint Brushes
20. Camel Back Sponges
21. Paint Roller
22. Extension Handle
23. Stiff Broom
24. Semistiff Broom
25. Soft Sealer Broom
26. Dust Mask
27. Goggles
28. Rubber or Cloth Gloves
29. Leaf Blower

## I. Substrate Inspection/Preparation

### A. General

1. The Euclid Chemical Company Ultra-Tex materials may be applied over concrete on grade or concrete decks.
2. All concrete decks to receive the Ultra-Tex Finish material shall be sloped a minimum of 1/8 in/ft (3.2 mm/.3 m).

### B. Concrete

1. Concrete shall have cured a minimum of 28 days prior to application of the Ultra-Tex Finish.
2. All undermined, cracked, spalled, etc. concrete must be repaired prior to applying the Ultra-Tex coatings over the concrete surface.
3. All concrete surfaces must be free of grease, oil, dust, dirt, paint, sealers, efflorescence and other contaminants.
4. All concrete surfaces shall be free of fins and other protruding irregularities.
5. All oil and grease shall be removed prior to mechanical abrading, abrasive blast cleaning or water blasting.
6. All concrete surfaces shall be prepared by mechanical means, i.e. shot blasting, scarifying or water blasting.
7. Concrete surfaces with concrete hardeners, curing compounds, form release materials may require abrading.
8. Use and disposal of cleaning materials shall conform to established federal, state, local, and project requirements.

**Note: Failure to prepare the concrete properly will impair the adhesion of the Ultra-Tex materials.**

## II. Mixing Instructions

### A. Ultra-Tex Grout Coat and Finish Coat

1. Measure 5 quarts (4.75 liters) of Ultra-Tex Liquid Admixture, UT91-1 into a clean plastic container. For best results in high temperature areas, we suggest the use of Ultra-Tex Retarder. Dosage rates are 1-2 ounces per batch. When using Ultra-Tex Retarder, the amount of UT91-1 Liquid Admixture needed may decrease.
2. Pour 4 quarts of the UT91-1 Liquid Admixture into an empty 5-gallon (19-liter) plastic container.
3. Add tint pak to Liquid Admixture. Take care to thoroughly clean out tint pack vial or bag.
4. Place the mixing paddle in the container then slowly add 1 bag [46 lbs. (21 kg)] of Ultra-Tex Grout and Finish Dry Mix, UT91-1. Note: Always add dry mix to Liquid Admixture.
5. Mix thoroughly for 3 to 4 minutes to ensure color uniformity using a paddle drill powered by a • in (13mm) variable speed drill capable of producing 1000 rpm.
6. After initial mix, add the remaining quart of Liquid Admixture, let stand for 2 minutes and re-mix.

## III. Ultra-Tex Grout Coat Application

- A. Air and surface temperature for application of the Ultra-Tex Grout mixture must be between 55° F (13° C) and 110° F (43° C) and must remain so for a minimum of 24 hours.
- B. The concrete surface must be prepared as described in Section I.B.
- C. Mix the Ultra-Tex Grout Coat as described in Section II.A.
- D. Roller or spray apply a prep coat of Ultra-Tex Liquid Admixture, UT91-1 mixed in a ratio of 4 parts water to 1 part UT91-1 over the concrete immediately ahead of the Grout Coat. Keep the concrete moist, but do not puddle.
- E. Using a stainless steel trowel apply the Grout Coat over the prepared substrate. Screed the material very thin, leaving just enough material to completely cover the underlying substrate. Coverage should yield 225 - 250 ft<sup>2</sup> (20.9 - 23.2 m<sup>2</sup>) per mix.
- F. Allow the Grout Coat to thoroughly dry [normally 2 to 6 hours (additional time may be necessary under adverse drying conditions)] prior to installing Ultra-Tex Templates.

## IV. Ultra-Tex Template Application

- A. Prior to applying the template, remove any high or rough edges from the grout coat with a Hand Grinding Stone or Scraper.
- B. Templates are available in a variety of brick, natural stone and tile patterns. They may also be custom designed to suit a particular application. Standard template thickness is 0.28 inch.
- C. Templates must be placed from a "starting line" that is logistically placed in the field of the surface to be coated. **Do not start from the perimeter edges.**
- D. Using a chalk line (**white chalk only**) lay out 2 lines perpendicular to each other to align with the edges of the template pattern.
- E. Verify squareness by measuring 3 ft (.9 m) from center along one line and 4 ft (1.2 m) along the other line. Then measure the diagonal distance. If the resultant distance is not 5 ft (1.5 m), the starting lines must be adjusted.
- F. Lay the templates along the lines to achieve the desired pattern. Note that some templates will abut each other and others will overlap 1/16 in (1.6 mm).

- G. Prior to removing the paper backing from the template, check the positioning of the templates to ensure that the desired effect is achieved, including perimeter terminations.
- H. Remove the paper backing from the template and position the template with its edge against the two lines.
- I. Continue to install templates using the reference lines and previous template(s) as a guide until the entire surface is covered. **Note: Abutting templates must be taped at all joints. We recommend paper filament tape.**
- J. Lay out only the number of templates to be coated in a single application. Do not leave templates uncoated overnight.

#### V. Ultra-Tex Finish Coat Application

- A. Inspect the template placement making sure that the desired pattern is achieved and all joints are taped (where required). Lightly pass a round edged, flexible pool trowel over the templates to ensure that they are adhered securely to the underlying substrate.
- B. Air and surface temperature for application of the Ultra-Tex Finish mixture must be between 55° F (13° C) and 110° F (43° C) and must remain so for a minimum of 24 hours.
- C. Mix the Ultra-Tex Finish Coat as described in Section II.A.
- D. Using a flexible and (round) stainless steel trowel, apply the Ultra-Tex Finish Coat over the templates keeping the material flush with the top of the templates. The desired texture can be accomplished at this time.
- E. Allow the Ultra-Tex Finish Coat to completely dry prior to removing templates or shading (if applicable). Under average drying conditions [70° F (21° C), 55% R.H], the Ultra-Tex Finish will dry in 2 to 6 hours.

#### VI. Shading, Template Removal and Touch-Up

- A. Shading (optional)
  - 1. Wash - Wet (changes or uniformly stains the original color)
    - a. The Ultra-Tex Finish Coat must be completely dry prior to shading.
    - b. In a clean plastic container, mix 1 part Ultra-Tex Liquid Admixture, UT91-1, with 4 parts water. Add Ultra-Tex Tint Pack into mixture to obtain desired color.
    - c. Dip a camel-back sponge into the prepared solution, and sponge apply the material over the Ultra-Tex Finish Coat as desired. **Note: A camel-back sponge is the only type recommended.**  
**CAUTION: Saturation of the sponge is not recommended since rundown will occur.**
  - 2. Buff - Dry (provides white accent to existing color and texture)
    - a. The Ultra-Tex Finish Coat must be completely dry prior to shading.
    - b. In a clean plastic container, mix 1 part Ultra-Tex Liquid Admixture, UT91-1, to 1 part water.
    - c. Dip a camel-back sponge into the prepared liquid and squeeze excess mixture out of sponge (sponge should be damp not saturated). Then dip the same sponge into the white Ultra-Tex Grout And Finish Dry Mix, UT91-1.
    - d. Sponge apply the material over the Ultra-Tex Finish Coat as desired to highlight the texture.  
**Note: A camel-back sponge is the only type recommended.**
  - 3. Buff - Wet (provides accent to existing color and texture)
    - a. The Ultra-Tex Finish Coat must be completely dry prior to shading.
    - b. In a clean plastic container, mix 1 part Ultra-Tex Liquid Admixture, UT91-1, with 4 parts water. Add Ultra-Tex Tint Pack into mixture to obtain desired color.
    - c. Dip a camel-back sponge into the prepared liquid and squeeze excess mixture out of sponge (sponge should be damp not saturated).
    - d. Sponge apply the material over the Ultra-Tex Finish Coat as desired to highlight the texture.  
**Note: A camel-back sponge is the only type recommended.**
- B. Template Removal and Touch-Up
  - 1. Carefully remove the templates, avoiding jagged edges. **CAUTION: Do not remove templates until Ultra-Tex Finish Coat has totally dried.**
  - 2. Should any of the Ultra-Tex Finish Coat material seep under the templates, use a 1.2 in (13 mm) edging tool to clean out the joint. Then mix a small amount of the Ultra-Tex Grout color and touch-up with a small paint brush.

## **VII. Sealer Application**

- A. Prior to applying sealers, Ultra-Tex Finish Coat and Shading must be completely dry. Application of sealer prior to the Ultra-Tex Finish completely drying will result in clouding of the sealer. Note: Never apply sealers in inclement weather.
1. Ultra-Clear
    - a. Apply using an industrial airless sprayer or a short nap, solvent resistant sleeve
    - b. Shall be applied in two coats allowing a minimum of 4 hours between coats. Apply in well-ventilated areas
    - c. Coverage: 250-300 ft<sup>2</sup>/gal
  2. Ultra-Clear VOX
    - a. Apply using a short nap, solvent resistant sleeve
    - b. Provides similar performance to Ultra-Clear but with reduced odor during application
    - c. Coverage rates: 300-400 ft<sup>2</sup>/gal
  3. Ultra-Color
    - a. Apply using an industrial airless sprayer or a short nap, solvent resistant sleeve
    - b. Pigmented to match, five standard Ultra-Tex colors
    - c. Sealer shall be applied in two coats allowing a minimum of 4 hours between coats. \*To increase marring and wear resistance, allow the color coat to dry 12-24 hours and topcoat with Ultra-Clear
    - d. Coverage rates: 250-300 ft<sup>2</sup>/gal
  4. Ultra-Tuf
    - a. Two-part, high performance, epoxy sealer
    - b. Add part B to part A and mix thoroughly with a jiffy mixer and variable speed drill
    - c. Apply with a squeegee and back roll. Intended for interior use only
    - d. Coverage rates: 100-150 ft<sup>2</sup>/gal
  5. Ultra-Thane
    - a. One-part Polyurethane coating which exhibits excellent resistance to abrasion and chemical attack
    - b. Suitable for both indoor and outdoor applications
    - c. Apply by roller fitted with a solvent-resistant, short nap sleeve. Use in well ventilated areas only
    - d. Coverage rates: 250-300 ft<sup>2</sup>/gal
  6. Ultra-Guard
    - a. Penetrating sealer designed to protect the Ultra-Tex finish from the adverse effects of deicing salts, moisture and freeze damage
    - b. Apply with an airless or pump-up sprayer. A wet-on-wet application is recommended
    - c. Coverage rates: 100-150 ft<sup>2</sup>/gal

## **VIII. Protection**

- A. The Ultra-Tex materials shall be protected by permanent or temporary means from weather and other damage, prior to, during, and immediately after application. Care must be taken to prevent condensation and/or heat build up when using a tarp or plastic as protection.

**Disclaimer**

Information contained in this specification conforms to standard detail and product recommendations for the installation of the Ultra-Tex products as of the date of publication of this document and is presented in good faith. The Euclid Chemical Company assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. Cracks in the Ultra-Tex Finish material resulting from structural movement and/or recurring of existing cracks in the substrate are not warranted by The Euclid Chemical Company or the Ultra-Tex Contractor. To insure that you are using the latest, most complete information, contact The Euclid Chemical Company at:

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\*The Ultra-Tex Contractor Certificate indicates certain employees of the company have been instructed in the proper application of Ultra-Tex products and have received copies of the Ultra-Tex Application Instructions and Specifications. The Ultra-Tex Contractor Program is not an apprenticeship. Each contractor is an independent company and bears responsibility for its own workmanship. The Euclid Chemical Company assumes no liability for the workmanship of an Ultra-Tex Contractor.



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