

PLEXTURE[®]

Low Profile Texture

For Interior Wall Finishes

TRIARCH

FINE ARCHITECTURAL FINISHES

T310

PLEXTURE[®]

Guide Specifications

**PERIODICALLY, AND WITHOUT NOTICE, WE UPDATE OUR DOCUMENTATION.
ALWAYS CHECK OUR WEBSITE FOR THE LATEST IN DOCUMENTATION.**

WWW.TRIARCHINC.COM

PLEXTURE[®]

Guide Specifications

BEFORE SPECIFYING PLEXTURE®

TRIARCH finishes are handcrafted materials. The degree of texture, and the color proportions of multiple color designs, may vary depending upon applicator equipment and job site conditions. TRIARCH, upon request, will provide larger scale samples for the selection purposes. This should not replace the final sample submittal from the applicator.

Plexture® should be applied by applicators that have attended a Triarch product application training session. This helps to keep quality control high and the end result consistent with design intent. TRIARCH does not, however, warrant the applicator's capabilities to handle a specific job or their workmanship on any project. It is up to the entity hiring the installer to insure that the installer is capable of doing a particular project. This is best accomplished by requiring a mock-up and providing design approval of the mock-up.

Plexture® is easy to install and may be applied through factory trained applicators or through untrained contractors. If Plexture® is applied through untrained contractors; no mold/mildew warranty will apply.

IMPORTANT

ALWAYS DEMAND A MOCK UP FOR APPROVAL BEFORE THE INSTALLATION.

ALWAYS REQUEST A SAMPLE BE SUBMITTED BY THE APPLICATOR FOR DESIGN APPROVAL PRIOR TO COMMENCING WORK AT THE JOB SITE.

WHENEVER POSSIBLE, REQUEST THE SAMPLE TO BE APPLIED TO A SECTION OF SUBSTRATE ON THE JOB SITE.

SPECIFYING INTERNATIONAL PROJECTS

International projects require the foreign national contractor to contact TRIARCH for obtaining pricing and product information. Our toll free phone number does not work internationally. Below is additional supplemental information that should be included in any international project specification or finish sheet. (4.)

Phone: (country code 01) 401-822-4100
Fax number: (country code 01) 401-822-2984
Website address: www.triarchinc.com

TRIARCH maintains relationships for distribution and contractor contacts in the following countries: throughout the Caribbean, Kingdom of Saudi Arabia, and The U.A.E.

**TRIARCH
 GUIDE SPECIFICATIONS
 SECTION 09960
 PLEXTURE**

PART 1 – GENERAL

1.01 SUMMARY

This document is intended to be used in preparing specifications for projects utilizing PLEXTURE® as manufactured by TRIARCH, 1-800-537-6111, www.triarchinc.com.

1.02 RELATED DOCUMENTS

Drawings, Specifications and General Conditions of The Contract, including Special Conditions, are hereby made a part of this section.

1.03 MATERIALS

- A. **MATERIAL QUALITY:** Finished and fully cured (28 days) Plecture materials shall have the following minimum performance characteristics:

Solvent Resistance: (10 minute soak)

Water	No effect
Detergent	No effect
Ethanol	No effect
Paint Thinner	Temporary softening
Bleach (household)	No effect
Sodium Hypochlorite (Tile-X)	No effect
409 Cleaner	No effect
Vinegar	No effect

Stain Resistance (1 hour soak and wash with 409® Cleaner and water)

Water	No stain visible
Blood	No stain visible
Urine	No stain visible
Coffee	No stain visible
Tea	No stain visible
Blueberry	No stain visible
Mustard	No stain visible
Bleach (household)	No stain visible
Sodium Hypochlorite (Tile-X)	No stain visible

Mark Resistance (marked 24 hour cure, wash with brush 409® cleaner and/or bleach)

Pencil	No mark visible
Ball point pen	No mark visible
China Marker	No mark visible
Felt tip pen (non-permanent)	No mark visible

Abrasion Resistance: Taber Abraser ASTM D4060-90	Wear Index = 0.22
Scrub Test: ASTM D2486-89	3735 Cycles to failure

B. SPECIFICATIONS:

Water-base pure acrylic resin	
Inorganic fillers	
Perm Rating: 17 perms, ASTM-E96B	21.93 Perms, English perms
Film Thickness:	
FINECOAT 2	4 mils dry (6 mils wet)
TEXTURECOAT	6-10 mils wet, 4- 8 mils dry
ASTM-E84 Flame Spread	15 or less
ASTM E-84 Smoke contribution	0
Pigments VOC level	0
Product VOC level (ISO 11890-2)	< 20 grams/liter

C. COLOR:

Color Pigments: Pigments shall be high performance and contain a zero (0) VOC level and APEO free. All pigments shall be light fast and fade resistant to discoloration by common commercial cleaning agents.

Color Selection: Provide at least eighty factory colors and factory custom color service.

D. ENVIRONMENTAL

Product shall meet criteria defined under LEED IEQ 4.2 for Low VOC products and Green Seal GS-11, section 4.0.

Production facilities shall be ISO 14001 certified for environmental practices.

E. WARRANTY:

Provide 5-year materials integrity warranty and 5-year mold/mildew warranty from manufacturer for manufacturer’s approved substrates.

1.04 QUALITY ASSURANCE

- A. **COMPATIBILITY:** Provide primers and other undercoat materials which are produced or are specifically recommended by the same manufacturer as the finish materials to ensure compatibility and use only within recommended limits.
- B. **COORDINATION OF WORK:** Review other sections of these specifications in which prime paints, raw substrates, or other substances might be present to ensure compatibility of total coatings systems. Upon request from other trades, furnish information or characteristics of coating materials provided for use, to ensure compatible substrate materials and finishes are used.
- C. **FACTORY QUALIFIED INSTALLER:** Application Contractor should have attended a factory product training session and should otherwise be qualified to apply the products prior to submitting the bid. Applicator should submit photocopy of factory documentation as proof of attendance.
- D. Factory shall be ISO 9001:2000 certified.

1.05 SUBMITTALS:

- A. **PRODUCT DATA:** Submit manufacturer's technical information including installation instructions, product description, and product test data conforming to the test performances required herein.
- B. **SAMPLES:** Prior to beginning work, Contractor shall provide Architect with a complete color set as furnished by the manufacturer for color selection purposes. After architect's color selection, Contractor shall provide three samples of each color of the specified coating applied to 12" x 12" hardboard or drywall for review. Apply materials in the same manner and with the same equipment that will be used in the field.

1.06 DELIVERY AND STORAGE:

- A. **DELIVER MATERIALS** to jobsite in original, new and unopened packages and containers bearing manufacturer's name and label, and following information: Name or title of materials, Manufacturer's stock and/or batch number, date of manufacture, Contents of containers including Color name and number.
- B. **STORE MATERIALS** not in active use in tightly covered containers. Maintain containers in a clean condition, free from foreign materials and residue.
- C. **PROTECT** from freezing and maintain temperatures below 100 degrees F. Keep materials stored in an orderly and organized manner to reduce the risk of error. Do not stack materials more than three containers high. Protect from fire hazards.

1.07 JOB CONDITIONS:

- A. APPLY materials only when surface temperature is between 65 degrees F or higher. Relative humidity must be 85% or lower. Protect finishes from casual impact and rain for a period of twenty-four (24) hours after installation. Protect from heavy traffic for a period of at least three days. Protect all surfaces and adjacent areas not intended to be coated and clean immediately any spillage, drippings, or other extraneous contact of the materials with other surfaces.
- B. REMOVE masking tape and clean all adjacent surfaces at the end of each work day. Do not leave masking tape or waste materials in place for more than 36 hours.

PART 2 - PRODUCTS**2.01 MANUFACTURER**

Provide PLEXTURE products as manufactured by TRIARCH, 1-800-537-6111, www.triarchinc.com, consistent with color and texture selected by Architect/Designer in CS# xxxxx.xx

PART 3 - EXECUTION**3.01 INSPECTION**

Applicator shall examine areas and conditions under which coating work is to be applied and notify Contractor in writing of conditions detrimental to proper and timely completion of the work. Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to the applicator.

3.02 GENERAL**A. DESCRIPTION OF WORK**

1. EXTENT of special acrylic coating work is indicated on drawings and schedules, as herein specified.
2. WORK INCLUDES (write a general description of the scope of work). PLEXTURE as used herein means PLEXTURE as manufactured by Triarch. The work also includes masking, protection of adjacent surfaces, priming, finishing, and cleanup of all wall and/or ceiling areas throughout the project as designated on the drawings and finish schedules. Surface preparation, surface treatment, and shop-priming where specified under other sections of the work.
3. WORK SPECIFIED IN OTHER SECTIONS: Paint, primer, other specialty coatings, fire proofing, wall coverings, tile, paneling, fabrics, acoustical treatments, shop applied finishes, and laminated plastics.

3.03 SURFACE PREPARATION: (Choose only those substrates needed for the work)

- A. **CEMENTITIOUS MATERIALS:** Prepare cementitious surfaces to be coated, such as: concrete, concrete block, cement and lime plaster by removing efflorescence, chalk, dust, dirt, grease, oils, and waxes (form release agents). Grind or fill and float smooth all holes, honeycombs, joints, seams and other imperfections using SKIMM® as manufactured by Triarch. Allow SKIMM® to dry 24 hours. Dampen dry plaster and concrete surfaces just prior to installation of materials, but wipe away any active condensation or water sufficient to cause a wet glaze.
- B. **FERROUS METALS:** Clean free of oil and surface contaminants with non-petroleum based solvent. Prime all bare metal surfaces with a good quality rust inhibiting primer prior to application of any acrylic coating materials. Test adequacy of adhesion of primer to substrate prior to application of Plecture. Be sure to document results.
- C. **GALVANIZED SURFACES:** Clean free of oil and surface contaminants with non-petroleum based solvent. Test adequacy of adhesion of primer to substrate prior to application of Plecture. Be sure to document results.
- D. **PREVIOUSLY PAINTED SURFACES:** Must be clean: free of dirt, dust, oils and other surface contaminants. Existing paint must be sound, firmly affixed to the substrate and must not be flaking, chalky or blistered. Any painted area repaired by application of spackling or dry wall compounds must be sealed with a good quality sealer prior to the application of the wall coating. Test adequacy of adhesion of primer to substrate prior to application of Plecture. Be sure to document results.
- E. **DRYWALL (new):** Tape, float, and finish to achieve industry standards for a non defective surface sufficient to be painted.
- F. **DRYWALL (existing vinyl covered):** Carefully strip existing vinyl from the wall. Apply warm water, containing one cup of bleach per gallon of water, with a garden type sprayer or other means sufficient to dampen the residual vinyl glue and kill existing mold spore. After soaking ten to fifteen minutes, dampen the residual glue a second time and then remove the glue by scraping with a broad knife. Finally, damp sponge the surface to remove all remaining glue.
- G. With rapid-setting type drywall joint compound, float all holes and edges flush to restore wall surface to a smooth, paintable surface. Allow wall to dry twenty-four hours. Coat all raw joint compound with fixative. Allow to dry (approximately 1 hour).

- H. SURFACE PREP OF EXISTING DAMAGED DRYWALL: Remove all “blisters” and loose paper flakes. With Rapid-set type drywall joint compound, float all holes and edges flush to restore wall surface to a smooth, paintable surface. Allow wall to dry 24 hours. **As a final wall preparation step, after wall covering removal, glue removal, killing surface mold and mildew, and filling any holes, apply GARDZ® HIGH PERFORMANCE SEALER BY ZINSSER www.zinsser.com, following the manufacturer’s label directions.** Test adequacy of adhesion of GARDZ to substrate prior to application of Plecture. Be sure to document results.

3.02 MATERIALS PREPARATION

- A. STIR MATERIALS before application with a power drill and a drywall compound paddle. Stir at approximately 350 RPM for three minutes while removing material from all sides and bottom of the container. Stir only as much material as will be used in a four hour period or re-stir material left sitting in excess of four hours. RETAIN LID on containers until the material is in actual use. Do not leave containers open for more than one hour. If hardened material accumulates on the sides of the container, remove the material to a clean container before use.
- B. THINNING: Plecture comes premixed wet and with color already in the container. Thinning, if required, should be done in accordance with manufacturer’s recommendations. Should storage or shipping expose materials to excessively high or low temperatures, viscosity may be affected.

3.04 APPLICATION

- A. GENERAL: Apply PLEXTURE materials, FineCoat 2 and Texture Coat, in accordance with the manufacturer's instructions and recommendations as required to achieve the appearance of the approved design control samples and to deliver performance as specified herein.
- B. SURFACE TREATMENTS, and finishes, are indicated in "schedules" of the contract documents. Final finishes shall conform to the approved samples.
- C. FINAL DRY FILM thickness of FINECOAT 2 shall be a minimum of 4 mils (DFT). Total system finish, including Texture Coat, shall average 8 mils thick. Coat surfaces behind movable equipment and furniture same as similar exposed surfaces.
- D. WIPE WITH DAMP SPONGE the entire surface area within 2 hours of application to remove all rough spots, abrasive burrs, etc.

- E. USE SANDING POLE with 100# grit sand paper to remove any burs within 24-48 hours of application.
- F. COMPLETED WORK shall be uniform in appearance and coverage. It shall be free of holidays, spotting, laps, tool marks, runs, sags, abrasive burrs, or other surface imperfections.

3.05 CLEANUP AND PROTECTION

- A. CLEANUP: During progress of work, remove from site discarded coating materials, rubbish, cans, and rags at the end of each work day in accordance with all local, state, and federal requirements.
- B. PROTECTION: Protect work of other trades, whether to be coated or not, against damage by coating work. Correct any damage by cleaning, repairing or replacing, and refinishing, as acceptable to Architect.
- C. PROVIDE SIGNS, barricades, etc. as required to protect new work from damage by others (see General section of this division for curing times).
- D. AFTER COMPLETION of work of all other trades, remove all protection materials (including other trades' if provided by them) and clean/touchup as necessary to restore coating work to new and unblemished condition.

Triarch
P.O. Box 1014
One Energy Way
West Warwick, RI 02893
800-537-6111
www.triarchinc.com

Information contained in these application instructions conforms to standard detail and product recommendations for the installation of Plecture® as of the date of publication of this document and is presented in good faith. Triarch assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To insure that you are using the latest, most complete information, contact Triarch



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