



Commercial Texture Systems E-Binder

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Fort Lauderdale, FL 33309
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www.litexinc.com

COMMERCIAL TEXTURE SYSTEM

CTS-SMOOTH

Item #1015

5 gallon pail

Litex's CTS-SMOOTH is a 100% acrylic, interior, water based, high solids, highly flexible, non-aggregate textured coating. It is designed for application on interior drywall, masonry and other properly prepared surfaces where durability, abuse resistance and a decorative appearance is desired. The texture is a high-build type coating that can be applied in one or more applications.

FEATURES:

One Product, Two Coat Application
Use to Create a **Splatter**, **Knockdown** or **Orange Peel** finish
Dries to a Flat Finish
Extremely Hard Surface
Abuse Resistant
Mold, Mildew and Algae Resistant
Decorative Versatility
Crack Resistant
Scrub Resistant
Breathable/Permeable
Easily Applied
Tintable to Almost Any Pastel or Mid-tone Color

USES: Wall and ceilings in high traffic areas such as hotels, motels, institutions and commercial buildings.

SURFACE PREPARATION: The type and extent of surface preparation will vary with the nature of the surface, its condition and the type of exposure. The primary purpose of surface preparation is to remove all contaminants that would hinder proper coating adhesion and to render a sound clean substrate suitable for firm bonding. The surface should be in paint ready condition. Mold, mildew and/or algae should be removed and sterilized with a 25% hypochlorite solution (1 gallon household bleach to 3 gallons water) or other approved and tested method. Any cracks larger than 1/16" must be filled or caulked prior to application of the product. The product will conceal minor surface imperfections.

OLD Drywall (Previously Painted or Formerly Wall-covered): Ensure surface is in paint ready condition: free of oil, grease, dust and other contaminants including wallcovering adhesive. Drywall patches and repairs should be completely dry. A stain-blocking latex primer is essential for renovation projects especially where wallpaper/adhesive/mildew was removed. Persistent stains should be spot primed with an alkyd based primer.

NEW Drywall: Ensure that the surface is free of oil, grease, dust and other contaminants. Application of a full coverage basecoat of *Litex's CTS-SMOOTH* followed by a splatter or knockdown coat with the same material is acceptable without priming if there are no stains present.

A primer may be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc.

A TEST APPLICATION IS REQUIRED TO DETERMINE THE NEED FOR A PRIMER.

Masonry: New masonry or concrete must be allowed to cure for at least 60 days before coating. High performance coatings will not develop proper adhesion to the substrate unless laitance and other loose materials are first removed. Laitance is weak

slurries of water, un-reacted cement and other fines that are sometimes left behind by over-troweling or inadequate or poor mixing. Abrasive blasting is an efficient means of removing laitance but wire brushing or Brush-Off Blasting would also be appropriate. A high quality masonry primer is recommended.

Previously coated masonry should have all chalking, peeling and scaling paint removed by a mechanical grinder and a high pressure blasting equipment of 2500 psi minimum. Surface must then be washed with a strong detergent solution to remove all grease, oil, soap residue and other surface contaminants. Rinse thoroughly and allow drying completely before surface conditioning with a high quality masonry primer.

Wood: On new or unpainted wood, wash and scrub thoroughly with a strong detergent and water. For best results, pressure clean surface and rinse thoroughly. Allow to dry completely before applying an appropriate wood primer.

On previously painted wood, dull all glossy finishes and remove all loosely adhering paint by sanding. Next wash and scrub thoroughly with a strong detergent and water followed by rinsing and complete drying. Any exposed wood should be primed.

MIXING: Mix each container thoroughly using a high torque drill with a mixing paddle attachment running at a minimum of 600 r.p.m. When using multiple batches, boxing of material is recommended. Do not entrap air.

APPLICATION: Proper application requires two coats of the same material on a properly prepared surface. The first coat or **BASECOAT** is applied with a high capacity airless paint sprayer (1.25 gallons per minute) using a .27 - .31 sized tip or higher. Back rolling the **BASECOAT** is permitted. Once dry to the touch, the second application or **TOPCOAT** will be applied with an air assisted texture applicator such as a hopper gun and compressor or similar. Application and storage temperature should be 45°-95° F.

Specific product, desired finish, equipment application conditions and/or user experience will influence proper equipment selection. Consult with equipment manufacturer for specific handling techniques; Always field test material prior to starting project.

When the **TOPCOAT** is an **Orange Peel** effect, spray an even pattern on the **BASECOAT** using very high air pressure and a small orifice. When trying to achieve a **Splatter** effect, use the large orifice and reduced air. For a **Knockdown** finish, apply a splatter effect. Before the texture dries, wipe peaks down with a clean, damp trowel.

Always test the desired spray pattern and finish on practice board of the same substrate to properly gage air pressure, volume control and orifice size for the equipment being used. This will also assist in determining proper coverage rate and drying conditions for the project. Application temperature should be between 45°-95° F. In high humidity situations, the product drying time will be prolonged (allow to cure for a longer period).

COVERAGE: The following chart identifies the coverage rates for **Litex's CTS - SMOOTH** obtained for the various application equipment and percentage of wall covered.

Application Tool	Percentage of Wall Covered	Coverage Rate
Airless Sprayer	100% (Full Coverage Basecoat)	Up to 120 sq.ft/gal
Air Assisted (Hopper gun & Compressor)	75% (Splatter / Knockdown)	Up to 120 sq.ft/gal
Roller or Trowel	100% (Full Coverage)	Up to 35 sq.ft/gal

CLEAN UP: Rinse equipment and tools with warm water and soap immediately after use. Scrape spills and overspray with a trowel, then wipe with a damp cloth or sponge.

SHELF LIFE: One year from the date of manufacture.

PRODUCT DATA:

Weight per Gallon: 13 ± 0.25 lbs.	Conforms to ASTM D1475
Viscosity: 92 ± 2 K.U.	Conforms to ASTM D562
Gloss: Flat	
Dry Time: To touch: 1-2 hours	Conforms to ASTM D1640
Dry hard: 6-12 hours	
To recoat: After 4-6 hours	
Fire Rating: Class A	
VOC Level: 16 grams/liter	Conforms to ASTM D3960
pH: 9.50 - 10.00	
Pencil Hardness Test: Hardest	Conforms to ASTM D3363
Barcoll Hardness Index: >35	
Scrub Resistance: >3200	Conforms to ASTM D2486
Flame Spread: Up to 8.5	
Smoke Contribution: Up to 7	Conforms to ASTM E8491A
Water Vapor Performance: >29 English Perms	Conforms to ASTM E96B
Fungus Resistance: No growth supported	Conforms to ASTM G21
Algae Resistance: No growth supported	Conforms to ASTM G29
Mildew Resistance: 10(Extended - No Growth)	Conforms to ASTM D3273
Solids by Weight: 68.2	
Solids by Volume: 47.8	

INGREDIENTS:

Acrylic resins	Proprietary
Ester	25265-77-4
Water	7732-18-5
Titanium Dioxide	13463-67-7
Calcium Carbonate	471-34-1
Aluminum Silicate	93763-70-3
Metallic Oxide	1314-13-2
Alkanolamine	124-68-5

SAFETY INFORMATION SUMMARY:

KEEP OUT OF REACH OF CHILDREN / KEEP FROM FREEZING

Warning: This product may contain a chemical known to the state of California to cause cancer.

WARNING! MAY CAUSE SKIN OR EYE IRRITATION.

CAUTION! Do not take internally. Avoid contact with eyes and skin. Wear protective clothing, gloves, eyewear and a NIOSH approved respirator. Use only with adequate ventilation when applying or sanding dry film. **Avoid breathing dust.** Take measures to eliminate or control dust while handling this product. Wear a respirator approved for protection against dust.

FIRST AID: If ingested, drink one or two glasses of water and get immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes and/or skin, flush area with clean water for a minimum of 15 minutes and, if irritation persists, seek medical attention.

Read the Material Safety Data Sheet (MSDS) for this product prior to use. For additional information contact your distributor.

NOTE: Performance of the product is dependant upon proper installation. Litex does not guarantee and accepts no liability for the improper application of the product.

LIMITED WARRANTY

Litex Incorporated warrants that this product meets Litex's manufacturing specifications. If this product does not meet these specifications, Litex will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. Litex will not be responsible for (1) labor or the cost of labor for removal or application of any product; (2) delivery delays or any costs incurred due to delivery delays; or (3) any incidental or consequential damages, whether based on breach of expressed or implied warranty, negligence, strict liability or any other legal theory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

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COMMERCIAL TEXTURE SYSTEM

CTS-FINE

Item #2015

5 gallon pail

Litex's CTS-FINE is a 100% acrylic, interior, water based, high solids, highly flexible, sand aggregate textured coating. It is designed for application on interior drywall, masonry and other properly prepared surfaces where durability, abuse resistance and a decorative appearance is desired. Achieve a high build splatter or knockdown when spray applied or a full coverage seamless finish when roller / trowel applied.

FEATURES:

Use to Create a **Splatter, Knockdown** or Custom Decorative Finish.
Hides Imperfections
Dries to a Flat Finish
Extremely Hard Surface
Abuse Resistant
Mold, Mildew and Algae Resistant
Decorative Versatility
Crack Resistant
Scrub Resistant
Breathable/Permeable
Easily Applied - Spray, Trowel or Roll
Tintable to Almost Any Color

USES: Wall and ceilings in high traffic areas such as hotels, motels, institutions and commercial buildings.

SURFACE PREPARATION: The type and extent of surface preparation will vary with the nature of the surface, its condition and the type of exposure. The primary purpose of surface preparation is to remove all contaminants that would hinder proper coating adhesion and to render a sound clean substrate suitable for firm bonding. The surface should be in paint ready condition. Mold, mildew and/or algae should be removed and sterilized with a 25% hypochlorite solution (1 gallon household bleach to 3 gallons water) or other approved and tested method. Any cracks larger than 1/16" must be filled or caulked prior to application of the product. The product will conceal minor surface imperfections.

OLD Drywall (Previously Painted or Formerly Wall-covered): Ensure surface is in paint ready condition: free of oil, grease, dust and other contaminants including wallcovering adhesive. Drywall patches and repairs should be completely dry. A stain-blocking latex primer is essential for renovation projects especially where wallpaper/adhesive/mildew was removed. Persistent stains should be spot primed with an alkyd based primer.

NEW Drywall: Ensure that the surface is free of oil, grease, dust and other contaminants.

A primer may be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc.

A TEST APPLICATION IS REQUIRED TO DETERMINE THE NEED FOR A PRIMER.

Masonry: New masonry or concrete must be allowed to cure for at least 60 days before coating. High performance coatings will not develop proper adhesion to

the substrate unless laitance and other loose materials are first removed. Laitance is weak slurries of water, un-reacted cement and other fines that are sometimes left behind by over-troweling or inadequate or poor mixing. Abrasive blasting is an efficient means of removing laitance but wire brushing or Brush-Off Blasting would also be appropriate. A high quality masonry primer is recommended.

Previously coated masonry should have all chalking, peeling and scaling paint removed by a mechanical grinder and a high pressure blasting equipment of 2500 psi minimum. Surface must then be washed with a strong detergent solution to remove all grease, oil, soap residue and other surface contaminants. Rinse thoroughly and allow drying completely before surface conditioning with a high quality masonry primer.

Wood: On new or unpainted wood, wash and scrub thoroughly with a strong detergent and water. For best results, pressure clean surface and rinse thoroughly. Allow to dry completely before applying an appropriate wood primer.

On previously painted wood, dull all glossy finishes and remove all loosely adhering paint by sanding. Next wash and scrub thoroughly with a strong detergent and water followed by rinsing and complete drying. Any exposed wood should be primed.

MIXING: Mix each container thoroughly using a high torque drill with a mixing paddle attachment running at a minimum of 600 r.p.m. When using multiple batches, boxing of material is recommended. Do not entrap air.

APPLICATION: The product may be applied by brushing, rolling, spraying, or troweling. Use a 3/8"-1" nap roller for roller application. Spraying can be accomplished with a hopper gun and compressor or similar texture spray equipment. Use stainless steel or plastic hand tools when necessary for desired finish. Application and storage temperature should be 45°-95° F.

In general, there are three ways to apply **Litex's CTS-FINE:**

SPLATTER OR KNOCKDOWN: (*Low Profile*) This finish involves the application of a paint, **Litex's Mil-Kil Paint**, and a spray application of a texture, **Litex's CTS-FINE** (up to 15 mils thick combined when dry). **Litex's Mil-Kil Paint** can either be applied as a **Topcoat** or a **Basecoat**. See datasheet for **Mil-Kil Paint** for application equipment and coverage information.

SPLATTER OR KNOCKDOWN: (*High Profile*) This finish involves the application of two spray applications of a texture, **Litex's CTS-FINE**. (A full coverage Basecoat followed by the splatter/knockdown Topcoat in the same material). (Up to 25 mils thick when dry).

CUSTOM DECORATIVE FINISH: These finishes are highly designed and mostly include a roll-on application of **Litex's CTS-FINE over a properly prepared surface** where the texture is manipulated while wet with various tools and wipe blades to create the desired pattern and design. **Coverage rates vary.** (Up to 25 mils thick when dry).

Note: It is important to maintain a wet edge when applying a full coverage application.

Always test the desired spray pattern and finish on practice board of the same substrate to properly gage air pressure, volume control and orifice size for the equipment being used. This will also assist in determining proper coverage rate and drying conditions for the project. Application temperature should be between 45°-95° F. In high humidity situations, the product drying time will be prolonged (allow to cure for a longer period).

Specific product, desired finish, equipment application conditions and/or user experience will influence proper equipment selection. Consult with equipment manufacturer for specific handling techniques; Always field test material prior to starting project.

COVERAGE: The following chart identifies the coverage rates for **Litex's CTS-FINE** obtained for the various application tools and percentage of wall area covered.

Application Tool	Percentage of Wall Area Coated	Coverage Rate
Air Assisted Sprayer (Hopper Gun and Compressor)	75% (For a Splatter or Knockdown Finish)	Up to 120 Sq.Ft./g.
Air Assisted Sprayer (Hopper Gun and Compressor or Similar)	100% (For a Full Coverage Basecoat)	Up to 75 Sq.Ft./g.
Roller or Trowel	100% (For a Full Coverage Decorative Finish)	Up to 35 Sq.Ft./g.

CLEAN UP: Rinse equipment and tools with warm water and soap immediately after use. Scrape spills and overspray with a trowel, then wipe with a damp cloth or sponge.

SHELF LIFE: One year from date of manufacture.

PRODUCT DATA:

Weight per Gallon: 14 ± 0.25 lbs.	Conforms to ASTM D1475
Viscosity: 95 ± 2 K.U.	Conforms to ASTM D562
Gloss: Flat	
Dry Time: To touch: 2-4 hours	Conforms to ASTM D1640
Dry hard: 4-6 hours	
To recoat: After 6-12 hours	
Fire Rating: Class A	
VOC Level: 16 grams/liter	Conforms to ASTM D3960
pH: 9.50 - 10.00	
Pencil Hardness Test: Hardest	Conforms to ASTM D3363
Barcoll Hardness Index: >35	
Scrub Resistance: >3500	Conforms to ASTM D2486
Flame Spread: Up to 8.5	
Smoke Contribution: Up to 7	Conforms to ASTM E8491A
Water Vapor Performance: >30 US Perms	Conforms to ASTM E96B
Fungus Resistance: No growth supported	Conforms to ASTM G21
Algae Resistance: No grown supported	Conforms to ASTM G29
Mildew Resistance: Passes	Federal Spec 6271

INGREDIENTS:

Acrylic resins	Proprietary
Ester	25265-77-4
Water	7732-18-5
Titanium Dioxide	13463-67-7
Calcium Carbonate	471-34-1
Aluminum Silicate	93763-70-3
Metallic Oxide	1314-13-2
Alkanolamine	124-68-5
Sand	14808-60-7

SAFETY INFORMATION SUMMARY:

KEEP OUT OF REACH OF CHILDREN / KEEP FROM FREEZING

Warning: This product may contain a chemical known to the state of California to cause cancer.

WARNING! MAY CAUSE SKIN OR EYE IRRITATION.

CAUTION! Do not take internally. Avoid contact with eyes and skin. Wear protective clothing, gloves, eyewear and a NIOSH approved respirator. Use only with adequate ventilation when applying or sanding dry film. **Avoid breathing dust.** Take measures to eliminate or control dust while handling this product. Wear a respirator approved for protection against dust.

FIRST AID: If ingested, drink one or two glasses of water and get immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes and/or skin, flush area with clean water for a minimum of 15 minutes and, if irritation persists, seek medical attention.

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NOTE: Performance of the product is dependant upon proper installation. Litex does not guarantee and accepts no liability for the improper application of the product.

LIMITED WARRANTY

Litex Incorporated warrants that this product meets Litex's manufacturing specifications. If this product does not meet these specifications, Litex will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. Litex will not be responsible for (1) labor or the cost of labor for removal or application of any product; (2) delivery delays or any costs incurred due to delivery delays; or (3) any incidental or consequential damages, whether based on breach of expressed or implied warranty, negligence, strict liability or any other legal theory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

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COMMERCIAL TEXTURE SYSTEM

CTS-COARSE

Item #3015

5 gallon pail

Litex's CTS-COARSE is a 100% acrylic, interior, water based, high solids, highly flexible, sand and marble aggregate textured coating. It is designed for application on interior drywall, masonry and other properly prepared surfaces where durability, abuse resistance and a decorative appearance is desired. Achieve a high build splatter or knockdown when spray applied or a full coverage seamless finish when roller / trowel applied.

FEATURES:

Use to Create a **Splatter, Knockdown** or Custom Decorative Finish.

Hides Imperfections

Dries to a Flat Finish

Extremely Hard Surface

Abuse Resistant

Mold, Mildew and Algae Resistant

Decorative Versatility

Crack Resistant

Scrub Resistant

Breathable/Permeable

Easily Applied - Spray, Trowel or Roll

Tintable to Almost Any Color

USES: Wall and ceilings in high traffic areas such as hotels, motels, institutions and commercial buildings.

SURFACE PREPARATION: The type and extent of surface preparation will vary with the nature of the surface, its condition and the type of exposure. The primary purpose of surface preparation is to remove all contaminants that would hinder proper coating adhesion and to render a sound clean substrate suitable for firm bonding. The surface should be in paint ready condition. Mold, mildew and/or algae should be removed and sterilized with a 25% hypochlorite solution (1 gallon household bleach to 3 gallons water) or other approved and tested method. Any cracks larger than 1/16" must be filled or caulked prior to application of the product. The product will conceal minor surface imperfections.

OLD Drywall (Previously Painted or Formerly Wall-covered): Ensure surface is in paint ready condition: free of oil, grease, dust and other contaminants including wallcovering adhesive. Drywall patches and repairs should be completely dry. A stain-blocking latex primer is essential for renovation projects especially where wallpaper/adhesive/mildew was removed. Persistent stains should be spot primed with an alkyd based primer.

NEW Drywall: Ensure that the surface is free of oil, grease, dust and other contaminants.

A primer may be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc.

A TEST APPLICATION IS REQUIRED TO DETERMINE THE NEED FOR A PRIMER.

Masonry: New masonry or concrete must be allowed to cure for at least 60 days before coating. High performance coatings will not develop proper adhesion to the

substrate unless laitance and other loose materials are first removed. Laitance is weak slurries of water, un-reacted cement and other fines that are sometimes left behind by over-troweling or inadequate or poor mixing. Abrasive blasting is an efficient means of removing laitance but wire brushing or Brush-Off Blasting would also be appropriate. A high quality masonry primer is recommended.

Previously coated masonry should have all chalking, peeling and scaling paint removed by a mechanical grinder and a high pressure blasting equipment of 2500 psi minimum. Surface must then be washed with a strong detergent solution to remove all grease, oil, soap residue and other surface contaminants. Rinse thoroughly and allow drying completely before surface conditioning with a high quality masonry primer.

Wood: On new or unpainted wood, wash and scrub thoroughly with a strong detergent and water. For best results, pressure clean surface and rinse thoroughly. Allow to dry completely before applying an appropriate wood primer.

On previously painted wood, dull all glossy finishes and remove all loosely adhering paint by sanding. Next wash and scrub thoroughly with a strong detergent and water followed by rinsing and complete drying. Any exposed wood should be primed.

MIXING: Mix each container thoroughly using a high torque drill with a mixing paddle attachment running at a minimum of 600 r.p.m. When using multiple batches, boxing of material is recommended. Do not entrap air.

APPLICATION: The product may be applied by brushing, rolling, spraying, or troweling. Use a 3/8"-1" nap roller for roller application. Spraying can be accomplished with a hopper gun and compressor or similar texture spray equipment. Use stainless steel or plastic hand tools when necessary for desired finish. Application and storage temperature should be 45°-95° F.

In general, there are three ways to apply **Litex's CTS-COARSE:**

SPLATTER OR KNOCKDOWN: (*Low Profile*) This finish involves the application of a paint, **Litex's Mil-Kil Paint**, and a spray application of a texture, **Litex's CTS-COARSE** (up to 15 mils thick combined when dry). **Litex's Mil-Kil Paint** can either be applied as a **Topcoat** or a **Basecoat**. See datasheet for **Mil-Kil Paint** for application equipment and coverage information.

SPLATTER OR KNOCKDOWN: (*High Profile*) This finish involves the application of two spray applications of a texture, **Litex's CTS-COARSE**. (A full coverage Basecoat followed by the splatter/knockdown Topcoat in the same material). (Up to 25 mils thick when dry).

CUSTOM DECORATIVE FINISH: These finishes are highly designed and mostly include a roll-on application of **Litex's CTS-COARSE over a properly prepared surface** where the texture is manipulated while wet with various tools and wipe blades to create the desired pattern and design. **Coverage rates vary.** (Up to 25 mils thick when dry).

Note: It is important to maintain a wet edge when applying a full coverage application.

Always test the desired spray pattern and finish on practice board of the same substrate to properly gage air pressure, volume control and orifice size for the equipment being used. This will also assist in determining proper coverage rate and drying conditions for the project. Application temperature should be between 45°-95° F. In high humidity situations, the product drying time will be prolonged (allow to cure for a longer period).

Specific product, desired finish, equipment application conditions and/or user experience will influence proper equipment selection. Consult with equipment manufacturer for specific handling techniques; Always field test material prior to starting project.

COVERAGE: The following chart identifies the coverage rates for **Litex's CTS-COARSE** obtained for the various application tools and percentage of wall area covered.

Application Tool	Percentage of Wall Area Coated	Coverage Rate
Air Assisted Sprayer (Hopper Gun and Compressor)	75% (For a Splatter or Knockdown Finish)	Up to 120 Sq.Ft./g.
Air Assisted Sprayer (Hopper Gun and Compressor or Similar)	100% (For a Full Coverage Basecoat)	Up to 75 Sq.Ft./g.
Roller or Trowel	100% (For a Full Coverage Decorative Finish)	Up to 35 Sq.Ft./g.

CLEAN UP: Rinse equipment and tools with warm water and soap immediately after use. Scrape spills and overspray with a trowel, then wipe with a damp cloth or sponge.

SHELF LIFE: One year from date of manufacture.

PRODUCT DATA:

Weight per Gallon: 14lbs	Conforms to ASTM D1475
Viscosity: > 140 K.U.	Conforms to ASTM D562
Gloss: Flat	
Dry Time: To Touch: 1-2 hours	Conforms to ASTM D1640
Dry Hard: 4-6 hours	
Re-Coat: After 6 hours	
Fire Rating: Class A	
pH: 9.50-10.00	
Pencil Hardness Test: Hardest	Conforms to ASTM D3363
Barcoll Hardness Index: >35	
Flame Spread: Up to 8.5	
VOC Level: 16 grams/liter	Conforms to ASTM D3960
Smoke Contribution: Up to 7	Conforms to ASTM E8491A
Water Vapor Performance: >30 Perms	Conforms to ASTM E96B
Fungus Resistance: No Growth	Conforms to ASTM G21
Mold Resistance: No Growth	Conforms to ASTM D3273
Algae Resistance: No Growth	Conforms to ASTM G2
Mildew Resistance: Passes	Federal Spec 6271

INGREDIENTS:

Styrenated acrylic resins	Propriety
Ester	25265-77-4
Water	7732-18-5
Titanium Dioxide	13463-67-7
Calcium Carbonate	471-34-1
Aluminum Silicate	93763-70-3
Metallic Oxide	1314-13-2
Alkanolamine	124-68-5
Silica Sand	14808-60-7

SAFETY INFORMATION SUMMARY:

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Warning: This product may contain a chemical known to the state of California to cause cancer.

WARNING! MAY CAUSE SKIN OR EYE IRRITATION.

CAUTION! Do not take internally. Avoid contact with eyes and skin. Wear protective clothing, gloves, eyewear and a NIOSH approved respirator. Use only with adequate ventilation when applying or sanding dry film. **Avoid breathing dust.** Take measures to eliminate or control dust while handling this product. Wear a respirator approved for protection against dust.

FIRST AID: If ingested, drink one or two glasses of water and get immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes and/or skin, flush area with clean water for a minimum of 15 minutes and, if irritation persists, seek medical attention.

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SATIN TEX

Item #4015

5 gallon pail

Litex's SATIN TEX is a 100% acrylic interior water based, high solids, highly flexible non-aggregate textured coating. It is designed for application on interior drywall, masonry and other properly prepared surfaces where durability, abuse resistance and a decorative appearance is desired. The texture is a high-build type coating that can be applied in one or more applications.

FEATURES:

One Product, Two Coat Application
Dries to a Satin Finish
Use to Create a **Splatter, Knockdown** or **Orange Peel** finish
Extremely Hard Surface
Abuse Resistant
Mold, Mildew and Algae Resistant
Decorative Versatility
Crack Resistant
Scrub Resistant
Permeable
Easily Applied
Tintable to Almost Any Pastel or Mid-tone Color

USES: Wall and ceilings in high traffic areas such as hotels, motels, institutions and commercial buildings.

SURFACE PREPARATION: The key to having a successful coating system lies predominately with the surface preparation. Approximately 90% of all premature coating failures can be attributed to inadequate or incomplete surface preparation.

The type and extent of surface preparation will vary with the nature of the surface, its condition and the type of exposure. The primary purpose of surface preparation is to remove all contaminants that would hinder proper coating adhesion and to render a sound clean substrate suitable for firm bonding. The surface should be in paint ready condition. Mold, mildew and/or algae should be removed and sterilized with a 25% hypochlorite solution (1 gallon household bleach to 3 gallons water). Any cracks larger than 1/16" must be filled or caulked prior to application of the product. The product will conceal minor surface imperfections.

DRYWALL: Ensure surface is in paint ready condition: free of oil, grease, dust and other contaminants. Prime surface with an appropriate drywall primer if necessary prior to the application of *Litex's SATIN TEX*. A stain-blocking latex primer is essential for renovation projects especially where old wallpaper was removed and adhesive remains. Persistent stains should be spot primed with an alkyd based primer. On new drywall, a full coverage basecoat application of *Litex's SATIN TEX* followed by a splatter or knockdown topcoat with the same material is acceptable without priming if there are no stains present.

MASONRY: New masonry or concrete must be allowed to cure for at least 60 days before coating. High performance coatings will not develop proper adhesion to the substrate unless laitance and other loose materials are first removed. Laitance is weak slurries of water, un-reacted cement and other fines that are sometimes left behind by over-troweling or inadequate or poor mixing. Abrasive

blasting is an efficient means of removing laitance but wire brushing or Brush-Off Blasting would also be appropriate. A high quality masonry primer is recommended prior to the application of **Litex's SATIN TEX**.

Previously coated masonry should have all chalking, peeling and scaling paint removed by a mechanical grinder and a high pressure blasting equipment of 2500 psi minimum. Surface must then be washed with a strong detergent solution to remove all grease, oil, soap residue and other surface contaminants. Rinse thoroughly and allow substrate to dry completely before surface conditioning with a high quality masonry primer.

WOOD: On new or unpainted wood, wash and scrub thoroughly with a strong detergent and water. For best results, pressure clean the surface and rinse thoroughly. Allow to dry completely before applying an appropriate wood primer.

On previously painted wood, dull all glossy finishes by sanding and remove all loosely adhering paint by sanding. Next wash and scrub thoroughly with a strong detergent and water followed by rinsing and complete drying. Any exposed wood should be primed prior to the application of **Litex's SATIN TEX**.

APPLICATION: Proper application requires two coats of the same material on a properly prepared surface. The first coat or **BASECOAT** is applied with a high capacity airless paint sprayer (1.5 gallons per minute) using a 627 sized tip or higher. Back rolling the **BASECOAT** is recommended. Once dry to the touch, the second application or **TOPCOAT** will be applied with an air assisted texture applicator such as a hopper gun and compressor or similar.

When the **TOPCOAT** is an **Orange Peel** effect, spray an even pattern on the **BASECOAT** using very high air pressure and a small orifice. When trying to achieve a **Splatter** effect use a thick consistency mix, the large orifice and reduced air. For a **Knockdown** finish, apply a Splatter effect then before the texture dries, wipe peaks smooth with a clean, damp trowel.

Always test the desired spray pattern and finish on practice board of the same substrate to properly gage air pressure, volume control and orifice size for the equipment being used. This will also assist in determining proper coverage rate and drying conditions for the project.

Application temperature should be between 45°-95° F. In high humidity situations, the product drying time will be prolonged (allow to cure for a longer period).

COVERAGE: The product will provide a spread rate of up to 125 square feet per gallon for the full coverage **BASECOAT**; up to 150 square feet per gallon for a 75% **Splatter/Knockdown** pattern **TOPCOAT** and up to 150 square feet per gallon for an **Orange Peel** pattern. The thickness of the entire finish once complete should measure a minimum of 10 mils dry (14 mils wet).

CLEAN UP: Rinse equipment and tools with warm soap and water immediately after use. Scrape spills and overspray with a trowel, then wipe with a damp cloth or sponge.

PRODUCT DATA:

Weight per Gallon: 14 lbs.	Conforms to ASTM D1475
Viscosity: >140 K.	Conforms to ASTM D562
Gloss: Satin	
Dry Time: To touch: 1-2 hours	Conforms to ASTM D1640
Dry hard: 4-6 hours	
To recoat: After 6-12 hours	
Fire Rating: Class A	
pH: 9.50 - 10.00	
Pencil Hardness Test: Hardest	Conforms to ASTM D3363
Barcoll Hardness Index: >35	
Flame Spread: Up to 8.5	
Smoke Contribution: Up to 7	Conforms to ASTM E8491A

Water Vapor Performance: >27 English Perms Conforms to ASTM E96B
Fungus Resistance: No growth supported Conforms to ASTM G21
Algae Resistance: No growth supported Conforms to ASTM G29
Solids by Weight: 69.8
Solids by Volume: 53.2
Finish: 17-22 units @ 85°

INGREDIENTS:

Acrylic resins	Proprietary
Ester	25265-77-4
Water	7732-18-5
Titanium Dioxide	13463-67-7
Calcium Carbonate	471-34-1
Aluminum Silicate	93763-70-3
Metallic Oxide	1314-13-2
Alkanolamine	124-68-5

SAFETY INFORMATION SUMMARY:

**KEEP OUT OF REACH OF CHILDREN
KEEP FROM FREEZING**

Warning: This product may contain a chemical known to the state of California to cause cancer.

WARNING!

**MAY CAUSE SKIN OR EYE BURNS OR IRRITATION.
INHALATION IS KNOWN TO CAUSE CANCER OR DELAYED LUNG INJURY.**

CAUTION! Do not take internally. Avoid contact with eyes and skin. Wear protective clothing, gloves, eyewear and a NIOSH approved respirator. Use only with adequate ventilation when applying or sanding dry film. **Avoid breathing dust.** This product contains crystalline silica sand. Prolonged exposure to crystalline silica dust is known to cause lung cancer or delayed lung injury, including silicosis. Take measures to eliminate or control dust while handling this product. Wear a respirator approved for protection against crystalline silica dust.

FIRST AID: If ingested, drink one or two glasses of water and get immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes and/or skin, flush area with clean water for a minimum of 15 minutes and, if irritation persists, seek medical attention.

Read the Material Safety Data Sheet (MSDS) for this product prior to use. For additional information contact your distributor.

LIMITED WARRANTY

Litex Incorporated warrants that this product meets Litex's manufacturing specifications. If this product does not meet these specifications, Litex will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. Litex will not be responsible for (1) labor or the cost of labor for removal or application of any product; (2) delivery delays or any costs incurred due to delivery delays; or (3) any incidental or consequential damages, whether based on breach of expressed or implied warranty, negligence, strict liability or any other legal theory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.



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COMMERCIAL TEXTURE SYSTEM

MIL-KIL PAINT

Item #4765(Pastel) & #4775(Deep)
5 gallon pail

Litex's MIL-KIL Paint is a 100% acrylic latex coating designed for application on interior and exterior, properly prepared surfaces where durability and resistance to mold and mildew is desired. This high solids coating can be applied with a sprayer, roller, or paint brush in one or more coats. Generally, *Litex's MIL-KIL Paint* is applied in conjunction with a texture coating from *Litex's Commercial Texture System*. However, it can be applied alone as a finish coat.

FEATURES:

Flat Finish

Available in Satin, Semi-Gloss and Egg Shell Finishes

Used as a Topcoat (Finish Coat) or Basecoat (Under Texture Coatings)

Extremely Washable Surface

Abuse Resistant

Mold, Mildew and Algae Resistant

Scrub Resistant

Breathable/Permeable

Easily Applied

Available in Pastel and Deep Bases

USES: As a finish coat for walls and ceilings in high traffic areas such as hotels, motels, institutions, and commercial buildings where mold and mildew resistance is desired. Mil-Kil Paint can also be applied as the basecoat or topcoat in a *Commercial Texture System* finish.

SURFACE PREPARATION: The type and extent of surface preparation will vary with the nature of the surface, its condition and the type of exposure. The primary purpose of surface preparation is to remove all contaminants that would hinder proper coating adhesion and to render a sound clean substrate suitable for firm bonding. The surface should be in paint ready condition. Mold, mildew and/or algae should be removed and sterilized with a 25% hypochlorite solution (1 gallon household bleach to 3 gallons water) or other approved and tested method. Any cracks larger than 1/16" must be filled or caulked prior to application of the product. The product will conceal minor surface imperfections.

OLD Drywall (Previously Painted or Formerly Wall-covered): Ensure surface is in paint ready condition: free of oil, grease, dust and other contaminants including wallcovering adhesive. Drywall patches and repairs should be completely dry. A stain-blocking latex primer is essential for renovation projects especially where wallpaper/adhesive/mildew was removed. Persistent stains should be spot primed with an alkyd based primer.

NEW Drywall: Ensure that the surface is free of oil, grease, dust and other contaminants. When *Litex's MIL-KIL Paint* is used as a finish coat alone, priming is necessary. When Mil-Kil Paint is applied as a component of a *Commercial Texture System* finish, a primer/sealer *may not be* necessary unless stains are present.

A primer may be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc.

A TEST APPLICATION IS REQUIRED TO DETERMINE THE NEED FOR A PRIMER.

Masonry: New masonry or concrete must be allowed to cure for at least 60 days before coating. High performance coatings will not develop proper adhesion to the substrate unless laitance and other loose materials are first removed. Laitance is weak slurries of water, un-reacted cement and other fines that are sometimes left behind by over-troweling or inadequate or poor mixing. Abrasive blasting is an efficient means of removing laitance but wire brushing or Brush-Off Blasting would also be appropriate. A high quality masonry primer is recommended.

Previously coated masonry should have all chalking, peeling and scaling paint removed by a mechanical grinder and a high pressure blasting equipment of 2500 psi minimum. Surface must then be washed with a strong detergent solution to remove all grease, oil, soap residue and other surface contaminants. Rinse thoroughly and allow drying completely before surface conditioning with a high quality masonry primer.

Wood: On new or unpainted wood, wash and scrub thoroughly with a strong detergent and water. For best results, pressure clean surface and rinse thoroughly. Allow to dry completely before applying an appropriate wood primer.

On previously painted wood, dull all glossy finishes and remove all loosely adhering paint by sanding. Next wash and scrub thoroughly with a strong detergent and water followed by rinsing and complete drying. Any exposed wood should be primed.

TINTING: The Standard Base (#4765) can be tinted with up to 8 ounces per gallon of Universal Colorant to create a Pastel or Mid-Tone color. The Deep Base (#4775) can be tinted with up to 10 ounces per gallon of Universal Colorant to create a Deep-Tone color. NOTE: When tinted to a darker color, two or more coats of this product may be necessary.

MIXING: Mix each container thoroughly. When using multiple batches, boxing of material is recommended. Do not entrap air.

APPLICATION: The product can be spray applied (using a .515 tip and min. 1800-2000 psi) or roller applied ($\frac{3}{8}$ " nap roller) onto a properly prepared surface. The product should not be thinned. Application temperature should be between 45°-95° F. In high humidity situations, the product drying time may be prolonged. Allow to cure for a longer period.

Specific product, desired finish, equipment application conditions, user experience will influence proper equipment selection. Consult with equipment manufacturer for specific handling techniques; Always field test material prior to starting project.

Always test the desired spray pattern and finish on practice board of the same substrate to properly gage air pressure, volume control and orifice size for the equipment being used. This will also assist in determining proper coverage rate and drying conditions for the project. Application temperature should be between 45°-95° F. In high humidity situations, the product drying time will be prolonged (allow to cure for a longer period).

COVERAGE: Up to 240 sq. ft. per gallon (or 1200 sq. ft. / 5g. pail). Coverage may vary considerably depending upon the conditions (rough or smooth) of the

substrate, application techniques and final thickness of the coating. When applied as a finish coat two coats may be necessary. Also, when tinted to a darker color, two or more coats of this product may be necessary.

CLEAN UP: Rinse equipment and tools with water and soap immediately after use. Scrape spills and remove overspray and then wipe with a damp cloth or sponge.

SHELF LIFE: One year from the date of manufacture.

PRODUCT DATA:

Weight per Gallon: 11 ± 0.25 lbs.	Conforms to ASTM D1475
Viscosity: 74 ± 2 K.U.	Conforms to ASTM D562
Dry Time: To touch: 1 hour	Conforms to ASTM D1640
Dry hard: 4-6 hours	
To recoat: After 6-12 hours	
Fire Rating: Class A	
VOC Level: 36 grams/liter	Conforms to ASTM D3960
pH: 9.00 - 10.00	
Pencil Hardness Test: 2H	Conforms to ASTM D3363
Scrub Resistance: >3800 cycles before failure	Conforms to ASTM D2486
Water Vapor Performance: >24.5 US Perms	Conforms to ASTM E96B
Fungus Resistance: No growth supported	Conforms to ASTM G21
Algae Resistance: No growth supported	Conforms to ASTM G29
%Solids by Volume: 39.2	

INGREDIENTS:

Acrylic resins	Proprietary
Water	7732-18-5
Titanium Dioxide	13463-67-7
Calcium Carbonate	471-34-1
Aluminum Silicate (clay)	93763-70-3

SAFETY INFORMATION SUMMARY:

KEEP OUT OF REACH OF CHILDREN / KEEP FROM FREEZING

Warning: This product may contain a chemical known to the state of California to cause cancer.

WARNING! MAY CAUSE SKIN OR EYE IRRITATION.

CAUTION! Do not take internally. Avoid contact with eyes and skin. Wear protective clothing, gloves, eyewear and a NIOSH approved respirator. Use only with adequate ventilation when applying or sanding dry film. **Avoid breathing dust.** Take measures to eliminate or control dust while handling this product. Wear a respirator approved for protection against dust.

FIRST AID: If ingested, drink one or two glasses of water and get immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes and/or skin, flush area with clean water for a minimum of 15 minutes and, if irritation persists, seek medical attention.

Read the Material Safety Data Sheet (MSDS) for this product prior to use. For additional information contact your distributor.

NOTE: Performance of the product is dependant upon proper installation. Litex does not guarantee and accepts no liability for the improper application of the product.

LIMITED WARRANTY

Litex Incorporated warrants that this product meets Litex's manufacturing specifications. If this product does not meet these specifications, Litex will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. Litex will not be responsible for (1) labor or the cost of labor for removal or application of any product; (2) delivery delays or any costs incurred due to delivery delays; or (3) any incidental or consequential damages, whether based on breach of expressed or implied warranty, negligence, strict liability or any other legal theory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

This datasheet contains standard recommendations for the installation of Litex, Inc. products and is presented in good faith. Litex, Inc. assumes no liability, expressed or implied as to the architecture, engineering or workmanship of any project. The information may be concurrent with, or superseded by other applicable documents. Contact Litex, Inc. for the most current product information.



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**PROFESSIONAL
 Uracril Texture Sealer**

**Item #0125
 1 or 5 Gallon Pail**

Litex's Uracril Texture Sealer is a waterbased, urethane matte finish clear sealer providing outstanding protection for textures against stains and wear. When tinted, it is excellent for antiquing textures and creating special effects.

FEATURES:

- Enhances Durability
- Resistant to Soil and Stains
- Mildew and Algae Resistant
- Excellent Adhesion
- Easily Applied
- Tintable
- Freshens Up a Previous Texture Finish

USES: Interior wall and ceiling surfaces with Litex's Commercial Texture System.

SURFACE PREPARATION: Clean older texture finishes prior to application.

APPLICATION: Use on a freshly applied, wet or dry, Litex Commercial Texture. On wet surfaces, *Litex's Uracril Texture Sealer* (tinted) may be sprayed on the surface prior to wipe down or knockdown to achieve a special antiquing or weathering effects. On dry surfaces, *Litex's Uracril Texture Sealer* (clear or tinted) may be sprayed, rolled, sponged, or brushed on the surface to create special effects.

CLEAN-UP: Rinse equipment and tools with warm soap and water immediately after use.

COVERAGE: up to 500 square feet per gallon.

SHELF LIFE: One year from the date of manufacture.

PRODUCT DATA:

Weight per Gallon: 8.5lbs.	Conforms to ASTM D1475
Viscosity: 65-70 K.U.	Conforms to ASTM D562
Gloss: Flat	
Dry Time: To touch: 1 hour	Conforms to ASTM D1640
Dry hard: 2-4 hours	
Fire Rating: Class A	
Shelf Life: 18 Months	Conforms to ASTM D2486
Flame Spread: Up to 8.5	
VOC Level: 22 grams/liter	Conforms to ASTM D3960
Smoke Contribution: Up to 7	Conforms to ASTM E8491A
Mold Resistance: No growth	Conforms to ASTM D3273
Fungus Resistance: No growth	Conforms to ASTM G21
Algae Resistance: No growth	Conforms to ASTM G29

INGREDIENTS:

Urethane resins	Propriety
Acrylic resins	Propriety
Water	7732-18-5

SAFETY INFORMATION SUMMARY:
KEEP OUT OF REACH OF CHILDREN / KEEP FROM FREEZING

WARNING!
MAY CAUSE SKIN OR EYE IRRITATION.

CAUTION! Do not take internally. Avoid contact with eyes and skin. Wear protective clothing, gloves, eyewear and a NIOSH approved respirator. Use only with adequate ventilation when applying or sanding dry film. **Avoid breathing dust.**

FIRST AID: If ingested, drink one or two glasses of water and get immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel. In case of contact with eyes and/or skin, flush area with clean water for a minimum of 15 minutes and, if irritation persists, seek medical attention.

Read the Material Safety Data Sheet (MSDS) for this product prior to use. For additional information contact your distributor.

NOTE: Performance of the product is dependant upon proper installation. Litex does not guarantee and accepts no liability for the improper application of the product.

LIMITED WARRANTY

Litex Incorporated warrants that this product meets Litex's manufacturing specifications. If this product does not meet these specifications, Litex will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. Litex will not be responsible for (1) labor or the cost of labor for removal or application of any product; (2) delivery delays or any costs incurred due to delivery delays; or (3) any incidental or consequential damages, whether based on breach of expressed or implied warranty, negligence, strict liability or any other legal theory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.



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CTS 1000 - *Installation Guide*

Basecoat: Commercial Texture – **SMOOTH** (up to 120 sq.ft./gallon at full coverage)
(Tinted to approved/specified color.)

Topcoat: Commercial Texture – **SMOOTH**
(covers up to 120 sq.ft./gallon at 75% surface coverage)
(Tinted to approved/specified color.)

Description: This finish is a spray applied application of two coats of the same material. The first coat is applied with a high capacity airless applicator. The second coat must be applied with an air assisted applicator in a splatter, orange peel or knockdown finish.

Step 1: The **Basecoat** requires a full coverage spray-on application over a properly prepared surface (clean new drywall or primed old drywall). The resultant coating thickness will be at least 8 mils dry. If the material is spray applied, an airless unit with appropriate capacity (1.25 gallons per minute, and a .27 - .31 tip size) and pressure (see machine specifications) or similar texture application equipment for a non-aggregate coating is required.

Step 2: Once the **Basecoat** is applied and dry, the **Topcoat** is spray applied with an air assisted texture application machine (hopper gun and compressor or similar).

When the **Topcoat** is an **Orange Peel** effect, spray an even pattern on the **Basecoat** using very high air pressure and a small orifice. When trying to achieve a **Splatter** effect use a thick consistency mix, the large orifice and reduced air. For a **Knockdown** finish, apply a Splatter effect. Then the wet **Topcoat** material is now smoothed down with a trowel or wipe blade to create a large sized knockdown pattern. The motion of the trowel should be criss-cross to avoid lines and the trowel should be wiped clean periodically throughout wipedown phase. When the texture is almost completely dry (within 24 hours), a light pole sanding (with 240 grit paper) is optional.

NOTE: The final finish should measure a thickness of 12 mils or greater when dry. The working area for this finish should be appropriate to complete all steps without the material drying out. A spray bottle of clean water is recommended to maintain a wet edge, clean tools and to mist the coating for ease during the wipe down phase. If the texture is not applied at the specified rate, surface imperfections may not be properly hidden.

FOR RENOVATION PROJECTS: A stain blocking primer such as ProBlock Latex Primer by Sherwin-Williams is recommended prior to the application of Litex's Commercial Texture System. An oil based primer should be used if and where stains bleed through the latex primer.

Note: If the specified product coverage rates and mils thickness minimums are not met, a primer coat will be necessary prior to the application of the finish system. A primer may also be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound, brand/type, drywall board brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc. A test application area is required to determine the need for a primer.

The quality of a texture finish is dependent upon applicator technique, ability and experience.

It is always recommended for the actual installer to apply samples for submittal purposes prior to beginning a project rather than using the manufacturer's applied samples as a benchmark. It is also recommended that the installer apply the same finish on the jobsite substrate to gain final approval and to determine and if any project specific issues or challenges exist. The above application instructions should be used as a guideline only.



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CTS 2000 - *Installation Guide*

Basecoat: **Mil-Kil Paint** (covers up to 1200 sq.ft./5 gallon at full coverage)
(Tinted to specified color.)

Topcoat: **Commercial Texture – FINE**
(covers up to 600 sq.ft./5 gallon at 75% coverage for a Knockdown Pattern)
(Tinted to specified color.)

DESCRIPTION: This finish involves the spray application of a paint coating (**Basecoat**) and a texture coating (**Topcoat**) which can be applied in an orange peel, splatter or knockdown pattern.

Step 1: The **Basecoat** (MIL-KIL PAINT) requires a full coverage spray-on application over a properly prepared, paint ready surface. All dirt, dust, wallpaper adhesive, mold and mildew must be removed and spot priming with an oil based primer may be necessary prior to application. The resultant coating thickness will be at least 5-6 mils wet. NOTE: If the Mil-Kil is tinted to a darker color, two coats may be necessary.

Step 2: Once the **Basecoat** is applied and dry, the **Topcoat** is spray applied with an air assisted texture application machine (hopper gun and compressor or similar).

When the **Topcoat** is an **Orange Peel** effect, spray an even pattern on the **Basecoat** using very high air pressure and a small orifice (covering the surface area at least 75% at a rate of up to 120 sq. ft./ gallon). When trying to achieve a **Splatter** effect use a larger orifice and reduced air (covering the surface area at least 75% at a rate of up to 120 sq. ft./ gallon). For a **Knockdown** finish, apply a Splatter effect. Then the wet **Topcoat** material is now smoothed down with a trowel or wipe blade to create a large sized knockdown pattern. The motion of the trowel should be criss-cross to avoid lines and the trowel should be wiped clean periodically throughout wipedown phase. When the texture is almost completely dry (within 24 hours), a light pole sanding (with 240 grit paper) is optional.

NOTE: The final finish should measure a thickness of 12-15 mils or greater when dry. The working area for this finish should be appropriate to complete all steps without the material drying out. A spray bottle of clean water is recommended to maintain a wet edge, clean tools and to mist the coating for ease during the wipe down phase. If the texture is not applied at the specified rate, surface imperfections may not be properly hidden.

FOR RENOVATION PROJECTS: A stain blocking primer such as ProBlock Latex Primer by Sherwin-Williams is recommended prior to the application of Litex's Commercial Texture System. An oil based primer should be used if and where stains bleed through the latex primer.

Note: If the specified product coverage rates and mils thickness minimums are not met, a primer coat will be necessary prior to the application of the finish system. A primer may also be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound, brand/type, drywall board brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc. A test application area is required to determine the need for a primer.

The quality of a texture finish is dependent upon applicator technique, ability and experience.

It is always recommended for the actual installer to apply samples for submittal purposes prior to beginning a project rather than using the manufacturer's applied samples as a benchmark. It is also recommended that the installer apply the same finish on the jobsite substrate to gain final approval and to determine and if any project specific issues or challenges exist. The above application instructions should be used as a guideline only.



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CTS 3000 - *Installation Guide*

Basecoat: **Commercial Texture – FINE OR SMOOTH**
(covers up to 600 sq.ft./5 gallon at 75% coverage for a Knockdown Pattern)
(Tinted to specified color.)

Topcoat: **Mil-Kil Paint** (covers up to 1200 sq.ft./5 gallon at full coverage)
(Tinted to specified color.)

DESCRIPTION: This finish involves the spray application of a texture coating – aggregate or non-aggregate - (Basecoat) in an orange peel, splatter or knockdown pattern, followed by a paint coating (Topcoat).

Step 1: The **Basecoat** (CTS FINE **OR** SMOOTH) is a spray application of 75% splatter at a rate of no more than 120 sq. ft. per gallon over a properly prepared, paint ready surface. All dirt, dust, wallpaper adhesive, mold and mildew must be removed and spot priming with an oil based primer may be necessary prior to application. A hopper gun and air compressor or similar texture application equipment is required. The resultant coating thickness will be at least 8-12 mils wet.

Step 2: After the appropriate set-up time, the material is knocked down with a trowel or wipe blade to create a pattern similar to the approved samples. Test an area within 5 minutes to determine appropriate product set-up before knocking down as drying conditions will effect the waiting period. The motion of the trowel should be criss-cross to avoid lines and the trowel should be wiped clean periodically throughout wipedown phase. When the texture is almost completely dry (within 24 hours), a light pole sanding (with 240 grit paper) is suggested.

When the **Basecoat** is an **Orange Peel** effect, spray an even pattern on the **new drywall** using very high air pressure and a small orifice (covering the surface area at least 95% at a rate of up to 120 sq. ft./gallon). When trying to achieve a **Splatter** effect use a larger orifice and reduced air (covering the surface area at least 95% at a rate of up to 120 sq. ft./gallon).

Step 3: The **Topcoat** (MIL-KIL PAINT) requires a full coverage spray-on or roll-on application onto the dry **Basecoat** at a rate of no more than 240 sq. ft. per gallon. NOTE: If the Mil-Kil is tinted to a darker color, two coats may be necessary.

NOTE: The final finish should measure a thickness of 12-15 mils or greater when dry. The working area for this finish should be appropriate to complete all steps without the material drying out. A spray bottle of clean water is recommended to maintain a wet edge, clean tools and to mist the coating for ease during the wipe down phase. If the texture is not applied at the specified rate, or if the drywall/joints have a high suction variance, a latex primer may be required as a preparation step OR a two coat Topcoat may be necessary.

FOR RENOVATION PROJECTS: A stain blocking primer such as ProBlock Latex Primer by Sherwin-Williams is recommended prior to the application of Litex's Commercial Texture System. An oil based primer should be used if and where stains bleed through the latex primer.

Note: If the specified product coverage rates and mils thickness minimums are not met, a primer coat will be necessary prior to the application of the finish system. A primer may also be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound, brand/type, drywall board brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc. A test application area is required to determine the need for a primer.

The quality of a texture finish is dependent upon applicator technique, ability and experience.

It is always recommended for the actual installer to apply samples for submittal purposes prior to beginning a project rather than using the manufacturer's applied samples as a benchmark. It is also recommended that the installer apply the same finish on the jobsite substrate to gain final approval and to determine and if any project specific issues or challenges exist. The above application instructions should be used as a guideline only.



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Satin-Text Installation Guide

Basecoat: **SATIN-TEX** (up to 125 sq.ft./gallon at full coverage)
(Tinted to approved/specified color.)

Topcoat: **SATIN-TEX**
(covers up to 150 sq.ft./gallon at 75% surface coverage)
(Tinted to approved/specified color.)

Description: This finish is a spray applied application of two coats of the same material. The first coat is applied with a high capacity airless applicator. The second coat must be applied with an air assisted applicator in a splatter, orange peel or knockdown finish.

Step 1: The **Basecoat** requires a full coverage spray-on application over a properly prepared surface (clean new drywall or primed old drywall). The resultant coating thickness will be at least 8 mils dry. If the material is spray applied, an airless unit with appropriate capacity (1.5 gallons per minute, and a .27 - .31 tip size) and pressure (see machine specifications) or similar texture application equipment for a non-aggregate coating is required. Back rolling the basecoat is recommended.

Step 2: Once the **Basecoat** is applied and dry, the **Topcoat** is spray applied with an air assisted texture application machine (hopper gun and compressor or similar).

When the **Topcoat** is an **Orange Peel** effect, spray an even pattern on the **Basecoat** using very high air pressure and a small orifice. When trying to achieve a **Splatter** effect use a thick consistency mix, the large orifice and reduced air. For a **Knockdown** finish, apply a Splatter effect. Then the wet **Topcoat** material is now smoothed down with a trowel or wipe blade to create a large sized knockdown pattern. The motion of the trowel should be criss-cross to avoid lines and the trowel should be wiped clean periodically throughout wipedown phase. When the texture is almost completely dry (within 24 hours), a light pole sanding (with 240 grit paper) is optional.

NOTE: The final finish should measure a thickness of 10 mils or greater when dry. The working area for this finish should be appropriate to complete all steps without the material drying out. A spray bottle of clean water is recommended to maintain a wet edge, clean tools and to mist the coating for ease during the wipe down phase. If the texture is not applied at the specified rate, surface imperfections may not be properly hidden.

FOR RENOVATION PROJECTS: A stain blocking primer such as ProBlock Latex Primer by Sherwin-Williams is recommended prior to the application of Litex's Commercial Texture System. An oil based primer should be used if and where stains bleed through the latex primer.

Note: If the specified product coverage rates and mils thickness minimums are not met, a primer coat will be necessary prior to the application of the finish system. A primer may also be necessary based on job site conditions and/or specific building products including but not limited to crown joints, joint compound, brand/type, drywall board brand/type, drywall paper (new or recycled), humidity, substrate porosity difference, etc. A test application area is required to determine the need for a primer.

The quality of a texture finish is dependent upon applicator technique, ability and experience.

It is always recommended for the actual installer to apply samples for submittal purposes prior to beginning a project rather than using the manufacturer's applied samples as a benchmark. It is also recommended that the installer apply the same finish on the jobsite substrate to gain final approval and to determine and if any project specific issues or challenges exist. The above application instructions should be used as a guideline only.



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EQUIPMENT GUIDE

CTS 1000 & SATIN-TEX – “One Product, Two Coats” Non-Aggregate		
Products/Layers	Application	Equipment
<u>Basecoat:</u> #1015 Smooth	Full Coverage	Use professional spray equipment that meets or exceeds the following rating when sprayed through 50 ft. of 3/8" i.d. high pressure hose; outputs 1.25 GPM; pump pressure rated at 3000-3300 psi; and accommodates a spray tip of .025-.031 Remove filters. Example: <i>Graco Mark V, GMax 5900</i>
<u>Topcoat:</u> #1015 Smooth	Orange Peel, Splatter or Knockdown	Use only air assisted texture spray equipment appropriate for “non-aggregate” product such as a hopper gun and compressor combination or a texture spray unit. Examples: <i>Graco RTX 1500, RTX 2000 or GTX 2000</i>

CTS 2000 – “Light Sand Texture on Paint”		
Products/Layers	Application	Equipment
<u>Basecoat:</u> #4765 Mil-Kil Paint	Full Coverage	Use professional paint spray equipment that meets or exceeds the following rating when sprayed through 50 ft. of 1/4" i.d. high pressure hose; outputs .5 GPM; pump pressure rated at 1500-2200 psi; and accommodates a spray tip of .012-.017.
<u>Topcoat:</u> #2015 Fine	Orange Peel, Splatter or Knockdown	Use only air assisted texture spray equipment appropriate for “light aggregate” product such as a hopper gun and compressor combination or a texture spray unit. Examples: <i>Graco RTX 1500, RTX 2000 or GTX 2000</i>

CTS 3000 – “Paint on top of a Light Sand OR Non-Aggregate Texture”		
Products/Layers	Application	Equipment
<u>Basecoat:</u> #2015 Fine OR <u>Basecoat:</u> #1015 Smooth	Orange Peel, Splatter or Knockdown	Use only air assisted texture spray equipment appropriate for “non-aggregate” or “aggregate” product such as a hopper gun and compressor combination or a texture spray unit. Examples: <i>Graco RTX 1500, RTX 2000, GTX 2000 or (for non-aggregate only) Graco Mark V with Texture Atomizing Gun & Compressor Set-Up</i>
<u>Topcoat:</u> #4765 Mil-Kil Paint	Full Coverage	Use professional paint spray equipment that meets or exceeds the following rating when sprayed through 50 ft. of 1/4" i.d. high pressure hose; outputs .5 GPM; pump pressure rated at 1500-2200 psi; and accommodates a spray tip of .012-.017.

For questions on specific equipment, refer to the specific equipment datasheet and contact the equipment manufacturer.

MATERIAL SUBSTITUTION REQUEST

Date: _____

Project: _____

We hereby submit **Litex Commercial Texture System**, for your review as a **PRODUCT SUBSTITUTION** for the Specified Material for the above listed project.

Section: Finishing Division 9

Specified Material: **100% Acrylic, Durable, Mold & Mildew Resistant Texture Finish**

Proposed Product: **Litex's Commercial Texture System**, distributed by _____.

Attached are the complete data sheets for **Litex's Commercial Texture System (CTS 1000, CTS 2000 or CTS 3000)**, the product used for equivalency of specified finish, including laboratory tests, as necessary.

Included is complete information on changes to the Construction Documents (Product Application) required by Litex's Commercial Texture System for proper installation.

The following issues should be taken into consideration:

1. The use of the **Litex Commercial Texture System** is applicable to this project in the location described and will be warranted in the same manner as the Specified Product if applied according to manufacturer's application guidelines.
2. The substitution of the Litex Commercial Texture System for the Specified Product will not affect the dimensions shown on the drawing in any way.
3. The substitution of the Litex Commercial Texture System for the Specified Product, to the best of the supplier's knowledge, will not affect other trades working on this project.
4. The enhancing differences between the proposed Product Substitution, Litex's Commercial Texture System and the current Specified Product include, but are not limited to, the following:
 - a) The manufacturer's warranty of Litex's Commercial Texture System is greater in length and scope than the Specified Product.
 - b) The material availability and customer service network is nationwide.
 - c) The material color selection is not limited to manufacturer's or distributor's color samples but can be matched to any sample provided.
 - d) The material can be used to achieve a multitude of finishes including those available from the Specified Product.

Submitted by _____ of _____

Contact Number: _____

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Litex Finishing Systems, Inc.
Guide Specifications for Hospitality Projects
Section 09900
Interior Acrylic Texture Finishes
Revised 10/06

▶ NOTE ◀

ALWAYS DEMAND A MOCK UP FOR APPROVAL BEFORE INSTALLATION.

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

WHEN APPLICABLE, REQUEST THE SAMPLE TO BE APPLIED TO A SECTION OF SUBSTRATE ON THE JOB SITE.

PART 1- GENERAL

1.1 SECTION INCLUDES

- A. Interior wall and ceiling surface preparation and application of the mold, mildew and algae resistant, acrylic texture finishes in Litex's Commercial Texture System's "CLASSIC" Finishes (orange peel, splatter, knockdown).
- B. Interior wall and ceiling surface preparation and application of the mold, mildew and algae resistant, acrylic texture finishes in Litex's Commercial Texture System's "DESIGNER" architect selected decorative finishes.

1.2 RELATED SECTIONS

- A. Section 03300 – Cast-in-Place Concrete
- B. Section 03400 - Pre-Cast Concrete
- C. Section 04200 – Concrete Masonry Unit
- D. Section 09250 – Gypsum Wallboard; Including joint tape and compound to joints.
- E. Section 09200 – Lath and Plaster
- F. Section 09962 – Glazed Wall Coatings
- G. Section 09900 – Painting
- H. Section _____ - _____

1.3 SUBMITTALS

- A. SUBMIT under provision of Section 01300
- B. SAMPLES: For each finish product specified, two samples, minimum size 10"x12", representing actual product, color and textures.
- C. PRODUCT DATA: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation and application instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.

1.4 QUALITY ASSURANCE

- A. SINGLE SOURCE RESPONSIBILITY: Provide primers, (if required by the manufacturer or these specifications) and other surface preparation materials that are produced or specifically recommended by the same manufacturer as the finish materials to insure compatibility of the system. Use thinners approved by the coating manufacturer, 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 system. Upon request from other trades, furnish information, or characteristics of coating materials to ensure compatible substrate materials and finishes are used.
- C. INSTALLER QUALIFICATIONS: It is the responsibility of the hiring entity to confirm that installers have either been certified by the manufacturer or manufacturer's representative in the installation of the specified finish, not less than one year of successful application of Litex's Commercial Texture System products, or that the installers have adequate experience with the installation of similar acrylic texture coatings.

- D. MOCK-UPS: Installer must provide a mock-up for evaluation of surface preparation techniques and finish workmanship. Manufacturer of wall coating is to provide sample material for sample room at no-charge (freight not included) for up to 600 square wall feet.
 - 1. Finish 100 square foot area designated by the architect (minimum).
 - 2. Do not proceed with remaining work until workmanship, color and finish are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.5 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. DELIVER materials to jobsite or distributor in original, new and un-opened packages and containers bearing manufacturer’s name and label along with the following information: Name or title of materials, manufacturer’s stock and/or batch number, date of manufacture and 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. Protect from freezing and maintain temperatures between 40 and 90°F (4 to 32°C). Keep materials stored in an orderly and organized manner to reduce risk of error. Do not stack materials more than three containers high. Protect from fire hazards.
- C. STORE and dispose of solvent based material, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.6 JOB CONDITION

- A. APPLY materials only when surface temperature is between 65°F or higher. Relative humidity must be 85% or lower. Area must be clean, free of excessive dust, properly illuminated and ventilated. Protect finishes from casual impact 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 thirty-six (36) hours. Provide adequate ventilation and fresh air during application and drying process.

1.7 EXTRA MATERIAL

- C. FURNISH extra factory sealed material from each production/batch run(s) as the materials applied to the project owner or where designated. Amounts to be determined – minimum of 2 Five gallon pails per batch required.
- D. PROVIDE touch up information and, when multiple batches were applied, identify which batches were utilized in definable areas of the project, if possible.

PART 2- PRODUCTS

2.1 MANUFACTURERS

- A. MANUFACTURER: Litex Finishing Systems, Inc., 5985 NW 31st Avenue, Fort Lauderdale, Florida, 33309. Toll Free 1-800-340-0361; Telephone: 954-970-0361 Fax: 954-974-7524 Email: info@litexinc.com Website: www.litexinc.com
- B. SUBSTITUTIONS are not allowed.
- C. REQUEST for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. GENERAL: Litex’s Commercial Texture System is a line of 100% acrylic paint and texture products which, when layered in various combinations, creates “CLASSIC” and “DESIGNER” texture finishes exhibiting outstanding durability and mold/mildew resistance.
- B. PERFORMANCE CHARACTERISTICS (finished and fully cured (28 days):

Barcoll Hardness Index	>35
Flame Spread ASTM E84	up to 8.5
Smoke Contribution	0
FAA Vertical Burn Test #FAR25.853(b)	0.1 seconds or less
Water Vapor Performance: ASTM E96B	>28 English perms
UPITT(LC50) thermal decomposition	150 grams or greater
Scrubability (200 strokes)	<0.001 inches erosion
Abrasion Resistance ASTM D 4060-90	Wear Index = .025
Scrub Test ASTM D2486-89	Over 3,000 cycles to failure
Fire Rating	Class A
Pencil Hardness Test	Hardest
VOC ASTM D3960	less than 50 grams per liter
- C. SOLVENT RESISTANCE (one hour soak time)

Water	slight softening, on drying no effect
Detergent	no effect

Ethanol (alcohol)	no effect
Naphtha	no effect
Bleach	slight softening, on drying no effect
409 Cleaner	slight softening, on drying no effect
Vinegar	slight softening, on drying no effect
Ammonium Hydroxide	slight softening, on drying no effect
Ethylene Glycol	no effect
Mineral Spirits	no effect
Paint Remover	slight softening, on drying no effect
D. STAIN RESISTANCE	
Water	no water 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
E. MARK RESISTANCE	
Pencil	no mark visible
Ball Point Pen	no mark visible
China Marker	no mark visible
Felt Tip Pen (Non-Permanente)	no mark visible
Permanent Felt Marker (Alcohol Wipe)	no mark visible

2.3 FINISH SELECTIONS

- A. "CLASSIC" Finishes – *See Selection Brochure*.
- a. Product Combinations "Systems".
 1. **CTS 1000** – Commercial Texture SMOOTH (non-aggregate) - One product applied in two coats.
Two coats of the same product results in a thick protective finish which hides more imperfections.
 2. **CTS 2000** – Commercial Texture FINE (light sand) applied over Mil-Kil Paint.
The light sand particle in the texture coating offers a light catching dramatic finish effect.
 3. **CTS 3000** – Mil-Kil Paint applied over Commercial Texture SMOOTH (non-aggregate) or FINE (light sand).
Uniformly colored texture finishes offering a paint touch-up for future maintenance.
 - b. Finish Options and Definitions.
 1. Orange Peel – A very light droplets creating a semi-smooth surface.
 2. Splatter – A light to medium droplets.
 3. Knockdown – The result of wiping down (after an appropriate set up time) light, medium or heavy splatter.
 - c. Color Options.
 1. Single Color: An integrally colored finish.
 2. Two or More Colors: Only available in CTS 1000 or CTS 2000.
 - d. Selection Chart – Choose the System, Choose the Finish, Indicate the Color(s):

SYSTEM	FINISH			COLOR	
	Orange Peel	Splatter	Knockdown	One Color	Multi-Color
CTS 1000 SMOOTH – One Product, Two Coats					Base _____ Top _____
CTS 2000 FINE on MIL-KIL PAINT					Base _____ Top _____
CTS 3000 MIL-KIL PAINT on SMOOTH					N/A
MIL-KIL PAINT on FINE					N/A

- B. "DESIGNER" Finishes – *See Selection Brochure*.

2.4 SPECIFICATIONS

- A. FILM THICKNESS MINIMUMS: Final texture finish must be between 12 and 20 mils thick when dry and cured as per manufacturer's published recommendations.
- B. COVERAGE RATES should comply with manufacturer's published recommendations based on surface preparation and application.
- C. COLOR PIGMENTS: All pigments shall be light fast and fade resistant to discoloration by common cleaning agents.
- D. COLOR SELECTION: **Matches to any national paint companies fan deck and factory custom color service.**
- E. WARRANTY: Litex Finishing Systems, Inc. provides a warranty for a minimum of five years for material integrity and against the growth of mold, mildew and algae as per the manufacturer's Warranty Statement.

PART 3- EXECUTION

3.1 INSPECTION

- A. Do not begin installation until substrates have been properly examined and prepared. A moisture test is recommended.
- B. Installer shall examine areas and conditions under which coating work is to be applied and notify the contractor in writing of conditions detrimental to proper and timely completion of the work.
- C. Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to the Installer based on the manufacturer's guidelines.

3.2 GENERAL

- A. Perform surface preparation and cleaning procedures in accordance with manufacturer's recommendations and as herein specified, for each particular substrate condition.
- B. Remove hardware, hardware accessories, machined surfaces, plates lighting fixtures, and similar items in place and not to be finish coated, or provide masking or other protection prior to surface coating operations. Following completion of coating in each space or area, reinstall removed items.

3.3 SURFACE PREPARATION

- A. GENERAL: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
- B. CEMENTITIOUS MATERIAL- Prepare cementitious surfaces as necessary to be coated; such as, concrete, concrete block, cement and lime plaster by removing efflorescence, chalk, dust, dirt, grease, oils, setting agents and waxes. If hardeners or sealers have been used to improve curing, mechanically remove. Grind or fill and float all smooth all holes, honeycombs, joints, seams, and other imperfections using Extra-Prep® as manufactured by Litex Finishing Systems, Inc. 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. Determine alkalinity levels and moisture content and prime with substrate appropriate primer before application of any acrylic coating materials.
- C. FERROUS METALS: Clean free of oil and surface contaminates with non-petroleum based solvent. Prime all bare metal surfaces with a good quality rust inhibiting primer before application of any acrylic coating materials.
- D. GALVANIZED SURFACES: Clean free of oil and surface contaminates with a non-petroleum based solvent. Prime with substrate appropriate primer before application of any acrylic coating materials.
- E. PREVIOUSLY PAINTED SURFACES: Must be clean, free of: dirt, dust, oils, and other surface contaminates. 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 drywall compounds, must be sealed with a good quality sealer prior to the application of the wall coating. The surface must be in paint-ready condition or primed with substrate appropriate primer before application of any acrylic coating materials.
- F. DRYWALL (new): Tape, float, and finish to achieve industry standards for a non-defective surface sufficient to be painted.
- G. 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 sprayer, or other means sufficient to dampen the residual vinyl glue and kill existing mold spores. After soaking for ten to fifteen minutes, dampen the residual glue a second time, then remove the glue by scraping with a broad knife. Finally, using a damp sponge, rub the surface to remove any remaining glue. Promptly apply one coat of paper saturant fixative (50% shellac, 50% alcohol) to the damp wall to eliminate potential blisters caused from breakdown of drywall paper. Prime with a latex stain blocking primer, and spot prime with an alkyd primer when necessary, before application of any acrylic coating materials.
- H. SURFACE: Remove all blisters and loose paper flakes. With a rapid set type drywall joint compound, float all holes and edges flush to restore the wall surface to a smooth, paintable surface. Allow wall to dry for twenty-four hours. Coat all raw joint compounds with primer/sealer before application of any acrylic coating materials.
- I. WOOD: On new or unpainted wood, sand lightly, wash, and scrub thoroughly with a strong detergent and water mix. For best results, pressure clean the surface, rinse thoroughly, and then allow drying completely before applying an appropriate wood primer before application of any acrylic coating materials. On previously painted wood, dull all glossy finishes and remove all loosely adhering paint by sanding. Next, wash and scrub thoroughly with a strong detergent and water mix followed by rinsing and complete drying before application of any acrylic coating materials.

3.4 MATERIAL 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 lids on

the containers until the material is in actual use. Do not leave containers opened. If hardened material accumulates on the sides of the container, remove material and clean the container before use.

- B. THINNING- The Commercial Texture System comes pre-mixed wet and color ready 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. See manufacturer's written instruction for thinning information.

3.5 APPLICATION

- A. GENERAL- Apply the Commercial Texture System materials in accordance with the manufacturer's instructions and recommendations as required to achieve the appearance of the approved samples and performance as specified herein. Coating materials shall be used as a system that may include primers or undercoating as required by the manufacturer's installation directions.
- B. SURFACE TREATMENTS and finishes are indicated in schedules of the contract documents. Final finishes shall conform to the approved samples and comply with manufacturer's published coverage rates and dry film thickness.
- C. IDENTIFY, when installing more than one batch, definable areas where each batch was applied. Then, retain an appropriate amount of this material to complete punch-out touch ups.
- D. FINAL DRY FILM thickness of Mil-Kil Paint shall be a minimum of 4 mils. Total system finish, including texture, shall average 12-20 mils thick. Coat surfaces behind movable equipment and furniture the same as an exposed surface.
- E. LIGHTLY SAND the entire surface with extra fine grit paper 24 hours after application to remove all rough spots, abrasive burrs, etc... then remove dust.
- 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.
- G. BEFORE SUBSTANTIAL COMPLETION, clean, touch-up, repair or replace damaged finishes.

3.6 CLEAN UP AND PROTECTION

- A. CLEAN UP- During the process of work, remove from site all discarded coating materials, rubbish, cans and rags at the end of each work day.
- B. PROTECTION- Protect all finishes until completion of project. Protect work of other trades, whether to be coated or not, against damage. Correct any damage by cleaning, repairing or replacing, and refinishing as acceptable to Architect. Provide signs, barricades, etc., as required to protect new work from damage by others.
- C. TOUCH UP, repair or replace damaged finishes before Substantial Completion.
- D. IDENTIFY, when installing more than one batch, definable areas where each batch was applied. Then, retain an appropriate amount of this material to complete punch-out touch ups.
- E. AFTER COMPLETION of work of all other trades, remove all protection (including other trades if provided by them) and clean/touch up as necessary to restore coating work to a new and unblemished condition.
- F. REMOVE debris from jobsite and leave area clean.

END OF SECTION



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COMMERCIAL TEXTURE SYSTEM CARE & MAINTENANCE

- General Cleaning** Regularly brush off surface with a dusting mop. If dust and dirt continue to accumulate and are not easily removed, use water to dampen the substrate with a mop or rag. Immediately, dry with lint free rags. (This avoids streaking and staining.) The surface area may appear to soften. The hardness of the texture will return when completely dry.
- Spot Cleaning** For light deposits of dirt or stains, apply a diluted all-purpose chlorine free and color free detergent to the surface and gently scrub with a synthetic nail brush, stiff bristle brush or color-fast sponge. Rinse off with water and dry with an absorbent lint-free towel. Repeat process for heavier deposits of dirt; such as, lipstick, food stains, oil marks, etc. Be careful not to rub away a softened textured surface. The hardness of the texture will return when completely dry.
- Update The Finish** After years of wear, it may be desirable to freshen the texture finish and/or renovate, particularly in high traffic areas. Litex recommends the use of compatible products; such as, Litex's Uracril Texture Sealer/Stain either clear or tinted. This can be sprayed or sponged on for various decorative effects. If desired, acrylic waterbased paints (such as Litex's Mil-Kil Paint) can top coat the texture for a color change, or to refresh the look of the finish. However, a painted surface is generally less abuse-resistant than the texture itself.
- Touch-Up** In the unlikely event of sever damage such as scrapes, scratches or severe impact, please call Litex to obtain patching material and detailed instructions on how to repair. Generally, a textured surface will touch-up as easily as a painted surface. The damaged area should be patched with standard patching materials. The surrounding area should be sanded down flush. The same basecoat material originally applied should be applied again in the same manner. Then, an application in the same finish design with the original texture material should be applied. For large repairs or patches, a corner to corner application will be necessary for finish consistency throughout the room.

► CAUTION ◀

DO NOT BLEACH OR USE OTHER STRONG DETERGENTS ON THE SURFACE.

DO NOT PAINT OVER SURFACE WITH UNSPECIFIED PRODUCT.

PROMPTLY CLEAN ANY DIRT OR SPILLS THAT OCCUR ON THE SURFACE.



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HOW TO TOUCH-UP LITEX's Commercial Texture System "Classic Finishes"

FIGURE OUT WHAT PRODUCT IS ON THE WALL

Is there sand in the texture? Is there a coat of paint over the texture? Is it two coats of a high performance coating? HOW CAN YOU TELL!!!!

THERE ARE GOING TO BE THREE MAIN TYPES... The recent and common installation of 100% acrylic texture coatings has greatly reduced finish damage and the need for touch-up due to the high performance and abuse resistant nature of the products such as those found in *Litex's Commercial Texture System* (available at your local paint store) which is applied in one of three ways:

CTS 1000 consists of a non-aggregate product (CTS Smooth) applied in two coats (a full coverage basecoat and a splatter/knockdown topcoat) over a properly prepared substrate. Additional features include the ease of application with only one product on the jobsite and the non-abrasive, elegant feel of the finish.

CTS 2000 involves the application of a paint product (Mil-Kil Paint) as the basecoat and then a light aggregate texture (CTS Fine) applied in an orange peel, splatter or knockdown pattern. The resultant finish catches the light for a dramatic effect between the smooth paint and the texture topcoat. Multiple color finishes are possible.

CTS 3000 allows for the use of either the non-aggregate (CTS Smooth) or light sand aggregate (CTS Fine) texture applied as the basecoat (in an orange peel, splatter or knockdown pattern) followed by a paint (Mil-Kil Paint) topcoat. The key feature for this finish is the paint topcoat which simplifies the facility maintenance touch-up.

MATCH THE COLOR, PRODUCT AND APPLICATION METHOD

The material and color of the finish should be matched exactly. Use the same material as originally used and, if possible, the same color batch. If the material was spray applied, use the same type of applicator to re-create the pattern.

CTS 1000 TWO COATS OF A NON-AGGREGATE 100% ACRYLIC TEXTURE

First – Sand down the area to be patched and the surrounding area.

Second – Use a sponge brush to apply the **First Coat** just like paint. It may be necessary to add a little water to the product so that it smoothes out easily. Allow to dry.

Third – The **Splatter Coat** should be applied with a small hopper gun and compressor or a hand held texture pump (by Homax). It is recommended to cut out a hole, the size of the area being patched, in a piece of cardboard and hold over the patch area when applying the **Splatter Coat** to avoid overspray. Try to duplicate the amount and coverage rate of the existing finish. Wipe down the splatters after the material sets up for 2 to 5 minutes, depending upon drying conditions, if a knockdown pattern is desired.

Fourth – It may be necessary to lightly sand the patch area and surrounding area for additionally blending of the profile (thickness).

CTS 2000 100% ACRYLIC TEXTURE WITH MIL-KIL PAINT AS THE BASE COAT

First – Sand down the area to be patched and the surrounding area.

Second – Apply **Mil-Kil Paint** to the prepared patch area being careful not to over coat existing texture.

Third – Apply the texture material in a splatter pattern using a small hopper gun and compressor or a hand held texture pump (by Homax). To avoid overspray onto the existing finish, it is recommended to cut out a hole, the size of the area being patched, in a piece of cardboard and hold over the patch area when applying the **Fine** texture in a splatter application. Try to duplicate the amount and coverage rate of the existing finish. Wipe down the splatters after the material sets up for 2 to 5 minutes, depending upon drying conditions, if a knockdown pattern is desired.

CTS 3000 100% ACRYLIC TEXTURE WITH MIL-KIL PAINT ON TOP

First – Sand down the area to be patched and the surrounding area.

Second – Apply the texture material in a splatter pattern using a small hopper gun and compressor or a hand held texture pump (by Homax). To avoid overspray onto the existing finish, it is recommended to cut out a hole, the size of the area being patched, in a piece of cardboard and hold over the patch area when applying the **#1015 Smooth** or **#2015 Fine** texture in a splatter application. Try to duplicate the amount and coverage rate of the existing finish. Wipe down the splatters after the material sets up for 2 to 5 minutes, depending upon drying conditions, if a knockdown pattern is desired.

Third – Once the texture is dry, apply **Mil-Kil Paint** to match the rest of the wall. It may be necessary to lightly sand the patch area and surrounding area for additionally blending of the profile (thickness), prior to painting. The paint may be reduced with water as necessary.

NOTE: Always use basic drywall repair techniques if there is a hole in the wall prior to patching the texture finish.

MATCH THE PROFILE OF THE TEXTURE (THICKNESS)

The profile of the texture refers to the thickness of the texture and the size of the splatters. When light hits a patch that is not the same level as the textured surface, or does not have the crevices and voids, it will be very apparent.

Adding to the thickness or sanding away from the thickness will make the patch very obvious. Patching with larger or smaller splatters than the existing texture will be obvious.

Attempt to match both profile and splatter size by taking your time with the application and by waiting for the appropriate time before knocking down. Too soon and the splatter will drag large, too late and it will not be large enough.

MATCH THE COVERAGE OF THE TEXTURE (PATTERN)

The spread rate of the existing finish needs to be matched to avoid a variation in the knockdown pattern bringing attention to the patch. If the original texture was applied at 75%, then attempt to re-produce this coverage rate.

NOTE: If spraying a small area, cut a hole the size of the patch area in a piece of cardboard. Hold this over the wall while re-texturing the area. This will reduce overspray which could make the patch obvious (halo effect).

AND....Don't forget the old story about the RADISH and the CARROT.

Scratch through painted joint compound wall – see the white (just like when you scratch a RADISH) but try to scratch through a 100% Acrylic Texture Finish. It's hard to do, but if you succeed, notice that the color is throughout (just like a CARROT)!

Litex sells only the CARROT!!



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Fort Lauderdale, FL 33309
T:954-970-0361/F:954-974-7524
www.LitexInc.com

Commercial Texture System Five-Year Warranty Requirements

1. All requests for System Warranties must be completed in full by a member of the installer's team
2. Additional documents may be requested by the manufacturer for verification purposes before a warranty request is authorized
3. Litex's standard five-year warranty is offered on complete **systems**, and not individual products used
4. All material must be installed as per manufacturer's specifications
5. Renovation projects require the use of a latex stain blocking primer before the basecoat is applied
6. Warranty will be void if finish has been altered or top coated with a product other than those manufactured by Litex
7. All requests must be submitted within 30 days of project completion
8. All questions should be referred to Litex's Customer Support or Sales Departments by calling (800) 340-0361

LIMITED WARRANTY

COMMERCIAL TEXTURE SYSTEM (INTERIOR)

By **LITEX**

Litex Finishing Systems Inc. ("Litex") warrants that this product and materials used therein meet or exceed applicable ANSI standards in force at the time of manufacturing. Litex further warrants, for a period of five years, from the date of installation that neither mold nor mildew will grow on the product and that the product will not crack, peel or delaminate for a period of five years provided the following conditions have been met.

1. The product was installed according to the manufacturer.
2. The substrate to which the product is applied must be sound, dry, vapor-permeable and be in a paint-ready condition immediately prior to application.
3. The product must not be exposed to water leaks, including but not limited to roof leaks, pipe leaks or condensation.
4. All organic deposits such as food, hand-marks, soft drinks, soap, etc... which have been deposited and remain on the wall, should void this warranty in these affected areas.
5. All touch-ups and re-coats must be executed with Litex Products.
6. Litex must be notified in writing within 60 days of any material failure. A sample of the affected material shall be sent to Litex for evaluation when requested.
7. This warranty will only be effective if all bills from Litex have been paid in full.

In the event the above conditions have been met, Litex shall replace any or part which proves defective due to the quality of ingredients used or the quality of manufacturing itself. Replacement of any defective product or, at Litex's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this warranty, and Litex shall in no event be liable for any damages in excess of purchase price. LITEX SHALL IN NO EVENT BE LIABLE FOR ANY INCIDENTAL OR SPECIAL DAMAGES. This warranty constitutes the sole liability given by Litex in connection with this product, and Litex has authorized no person to make or give any other warranties or representations, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES INCLUDING AND WITHOUT EXCEPTION WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No modification of this warranty in favor of any buyer shall be valid unless given in writing and signed by an officer at Litex.

Project Name: _____ Phone Number: _____

Project Address: _____

Sales Agent: _____

Installer: _____

Signature of Litex Officer: _____ Date: _____

Raised Corporate Seal