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INSTALLATION INSTRUCTIONS FOR VINYL WALLCOVERING

STOP AND READ BEFORE INSTALLING

If at any time during the installation a product or installation issue should be discovered –STOP! Contact your distributor or dealer before proceeding. After installing the first 3 strips of any wallcovering –STOP! Once again, make sure the product is correct, that there are no quality or product issues with the wallcovering. Should a quality issue or question arise, please call our installation HOTLINE at 1-800-797-4949, Option 1, Ext. 7749 between the hours of 9:00 a.m to 4:30 p.m EST. Designtex will not take responsibility for any quality issues raised after the first 3 strips are cut and installed.

Mold and Mildew Alert!

Before installing any wallcovering, the building must be checked for any moisture problems that could have an effect on mold and mildew growth after the wallcovering is installed. Do not install any wallcovering if the walls appear to have any moisture damage or if the building appears to have moisture infiltration problems. If you are uncertain if moisture problems are present, contact your architect, mechanical contractor, or general contractor for the standard of care and best application or finish for that area and that design of a building. Designtex will not take responsibility for any quality issues if moisture problems are not addressed before installation. You should also refer to the Mold Handbook authored by the Wallcovering Association with respect to considerations for specifying vinyl wallcovering in various climates and for various building designs. The handbook can be located at: http://www.wallcoverings.org/MOLDbook.pdf

Before Installing:

- · Inspect each piece upon receipt. Immediately make a claim with the carrier if the pieces are damaged.
- Check to see that you have received what was ordered and that the rolls all have the same style and run numbers.
- If the material is to be stored, make sure the pieces are kept in a temperature controlled, dry area, and not crushed.

Surface Preparation:

- Site conditions: For best results, finished lighting should be in place at the time of wall preparation and wallcovering installation
- Acceptable hanging surfaces must be clean, smooth, dry and structurally intact.
- Any mildew must be removed from the walls and surfaces treated to inhibit further mildew growth. In humid, mold, and mildew prone areas we suggest the use of Zinsser Plus Mildew Proof Commercial Wallcovering System that offers protection against the growth of mildew. More extensive moisture problems may require additional steps before installation.
- Do not install wallcovering unless temperature above 55 degrees Fahrenheit is maintained.
- Prior to priming and skim coating, seal damaged drywall facing paper.
- Note: Crayon, pen markers, ink, screw and nail heads, and heavy pencil marks, and stains need to be sealed with a stain-killer prior to priming.
- For all new or refinished wall surfaces, a water-based wallcovering primer should be applied to surface before
 application of wallcovering. Use a wallcovering primer that dries to a solid color to help conceal drywall joints
- Where there is a color contrast between the wall surface and the wallcovering, it is always best to tint the primer to match the color of the wallcovering.
- Glossy and non-porous surfaces should be primed with a coat of an adhesion promoting primer such as R-35 prior to installation of wallcovering.

- We recommend the use of a good quality heavy duty "clear" vinyl adhesive as made by Zinsser and Roman. * It's always advantageous to use a primer and adhesive from the same manufacturer.
- Do not dilute adhesive.
- In mildew prone environments, use of a mildew inhibitor is recommended. More extensive moisture problems may require additional steps before installation.

• New vapor permeable primers and adhesives are now available to wallcovering installers, which could reduce the risk of mold for all types of wallcoverings, versus the use of traditional primers and adhesives. Examples of such newly available permeable mildew systems are Zinsser's V.P. Vapor Permeable TM System, specifically Shieldz V.P. Primer and Sure Grip V.P. Primer as described on their website (www.zinsser.com tel. 732 469-8100) and Roman Decorating Products" UltraTM Plus Mildew System, specifically UltraTM Plus Primer and UltraTM Plus Adhesive (www.romandecoratingproducts.com tel. 800 488-6117).

Wallcovering Installation:

- Determine whether the pattern match is random, straight across, or drop match. Measure the wall height, allowing for pattern match, add 4 inches, and then cut the wallcovering. It will overlap onto the ceiling and the base approximately 2 inches.
- Cut rolls in sequential order starting with the highest number working down to the lowest number. Make certain that the run numbers are separated at break points such as corners. Number panels and headers as they are cut from the roll and apply to the wall in the same sequence.
- Any wallcovering design that does not have specific direction or horizontal match, could be installed by reversing alternate strips to ensure color uniformity at the seams. If product appears shaded or paneled after the first 3 strips, we strongly suggest reversing alternate strips.
- If the wallcovering is table trimmed, use of a straight-edge and a razor is recommended. A fresh blade should be used on each cut. "Snap off" cutting tools are not recommended.
- The "overlap and double cut" method is an alternative method of installation with many fabric backed vinyl
 wallcoverings.
- All wallcoverings should be trimmed 2" to 4" on each edge to ensure best appearance.
- If paste does get on the vinyl wallcovering, clean it off immediately with warm water and blot dry with clean lint free towel. Use a soft bristle brush to clean if necessary. Change this water frequently. Be certain to wash the ceiling and the baseboard to remove any paste residue. Do not leave any overlap at the seams since vinyl will not adhere to itself. Seams should be vertical, have a tight fit, and free from air and paste bubbles. Seams should not be located closer than 6" to corners.
- Avoid burnishing the face of the material. Use a wallcovering brush or a plastic scraper to smooth the
 wallcovering onto the wall.
- Use a seam roller to flatten the edges at the seams, ceilings and baseboards. Use light pressure. Do not press hard enough to remove the adhesive from underneath the wallcovering.

After installing the first 3 strips of any wallcovering – STOP! Once again, make sure the product is correct, that there are no quality or product issues with the wallcovering. Should a quality issue or question arise please call our installation *HOTLINE at 1-800-797-4949*, *Option 1, Ext. 7749* between the hours of 9:00 a.m to 4:30 p.m EST. Designtex will not take responsibility for any quality issues raised after the first 3 strips are cut and installed.



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INSTALLATION INSTRUCTIONS FOR DURAPRENE WALLCOVERING

STOP AND READ BEFORE INSTALLING

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Mold and Mildew Alert!

Before installing any wallcovering, the building must be checked for any moisture problems that could have an effect on mold and mildew growth after the wallcovering is installed. Do not install any wallcovering if the walls appear to have any moisture damage or if the building appears to have moisture infiltration problems. If you are uncertain if moisture problems are present, contact your architect, mechanical contractor, or general contractor for the standard of care and best application or finish for that area and that design of a building. Designtex will not take responsibility for any quality issues if moisture problems are not addressed before installation. You should also refer to the Mold Handbook authored by the Wallcovering Association with respect to considerations for specifying vinyl wallcovering in various climates and for various building designs. The handbook can be located at: http://www.wallcoverings.org/MOLDbook.pdf

Before Installing:

- Inspect each piece upon receipt. Immediately make a claim with the carrier if the pieces are damaged.
- Check to see that you have received what was ordered and that the rolls all have the same style and run numbers.
- If the material is to be stored, make sure the pieces are kept in a temperature controlled, dry area, and not crushed.

Surface Preparation:

- Site conditions: For best results, finished lighting should be in place at the time of wall preparation and wallcovering installation
- Acceptable hanging surfaces must be clean, smooth, dry and structurally intact.
- Any mildew must be removed from the walls and surfaces treated to inhibit further mildew growth. In humid, mold, and mildew prone areas we suggest the use of Zinsser Plus Mildew Proof Commercial Wallcovering System that offers protection against the growth of mildew. More extensive moisture problems may require additional steps before installation.
- Do not install wallcovering unless temperature above 55 degrees Fahrenheit is maintained.
- Prior to priming and skim coating, seal damaged drywall facing paper.
- Note: Crayon, pen markers, ink, screw and nail heads, and heavy pencil marks, and stains need to be sealed with a stain-killer prior to priming.
- For all new or refinished wall surfaces, a water-based wallcovering primer should be applied to surface before
 application of wallcovering. Use a wallcovering primer that dries to a solid color to help conceal drywall joints.
- Where there is a color contrast between the wall surface and the wallcovering, it is always best to tint the primer to match the color of the wallcovering.
- Glossy and non-porous surfaces should be primed with a coat of an adhesion promoting primer such as R-35 prior to installation of wallcovering.

- We recommend the use of a good quality heavy duty "clear" vinyl adhesive as made by Zinsser and Roman.
 * It's always advantageous to use a primer and adhesive from the same manufacturer.
- Do not dilute adhesive.

- In mildew prone environments, use of a mildew inhibitor is recommended. More extensive moisture problems may require additional steps before installation.
- Application of the recommended adhesive can be applied to the back of the Duraprene wallcovering or
 directly to the wall surface. If the back of the Duraprene wallcovering is to be pasted, the adhesive can be
 applied by use of a paste machine or roller and make certain the adhesive completely cover the back of the
 wallcovering, especially at the edges.
- Each pasted strip has to be "booked" for approximately 10 to 15 minutes to allow the wallcovering to "relax". This will prevent blisters from occurring when the strip is applied to the prepared wall surface.
- If the wall surface is to be pasted, the back of each strip of Duraprene wallcovering should receive an application of water and then "booked" for approximately 10 minutes to allow the wallcovering to "relax". This will prevent blisters from occurring when the strip is applied to the prepared wall surface. The adhesive applied to the wall should be allowed to become tacky.

Wallcovering Installation:

- Determine whether the pattern match is random, straight across, or drop match. Measure the wall height, allowing for pattern match, add 4 inches, and then cut the wallcovering. It will overlap onto the ceiling and the base approximately 2 inches.
- Cut rolls in sequential order starting with the highest number working down to the lowest number. Make certain that the run numbers are separated at break points such as corners. Number panels and headers as they are cut from the roll and apply to the wall in the same sequence.
- If the wallcovering is table trimmed, use of a straight-edge and a razor is recommended. A fresh blade should be used on each cut. "Snap off" cutting tools are not recommended.
- All wallcoverings should be trimmed 2" to 4" on each side to ensure best appearance.
- Any wallcovering design that does not have specific direction or horizontal match, could be installed by reversing alternate strips to ensure color uniformity at the seams. If product appears shaded or paneled after the first 3 strips, we strongly suggest reversing alternate strips.
- Please note: When installing Duraprene Chiaroscuro, we recommend the "overlap and double cut" method of installation.
 - When installing Duraprene Aquarium, since one side has more circles than the other, there is an illusion that one side is darker than the other. To eliminate the illusion, we recommend reversing alternate strips or hanging straight up and trimming one side back a few more inches.
- If paste does get on the wallcovering, clean it off immediately with warm water and blot dry with clean lint free towel. Use a soft bristle brush to clean if necessary. Change this water frequently. Be certain to wash the ceiling and the baseboard to remove any paste residue. Do not leave any overlap at the seams since duraprene will not adhere to itself. Seams should be vertical, have a tight fit, and free from air and paste bubbles. Seams should not be located closer than 6" to corners.
- For the use around outside corners, it may be necessary to lightly score the back which will allow the material
 to conform and lay flat. Additional adhesive or primer with extra tackiness may also be helpful to use around
 the inside corners.
- Avoid burnishing the face of the material. Use a wallcovering brush or a plastic scraper to smooth the
 wallcovering onto the wall.
- Use a seam roller to flatten the edges at the seams, ceilings and baseboards. Use light pressure. Do not press hard enough to remove the adhesive from underneath the wallcovering.

After installing the first 3 strips of any wallcovering – STOP! Once again, make sure the product is correct, that there are no quality or product issues with the wallcovering. Should a quality issue or question arise please call our installation HOTLINE at 1-800-797-4949 (Ext. 7749) between the hours of 9:00 a.m to 4:30 p.m EST. Designtex will not take responsibility for any quality issues raised after the first 3 strips are cut and installed.



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INSTALLATION INSTRUCTIONS FOR PAPER, PAPER BACKED AND INDUSTRIAL WALLCOVERING

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Mold and Mildew Alert!

Before installing any wallcovering, the building must be checked for any moisture problems that could have an effect on mold and mildew growth after the wallcovering is installed. Do not install any wallcovering if the walls appear to have any moisture damage or if the building appears to have moisture infiltration problems. If you are uncertain if moisture problems are present, contact your architect, mechanical contractor, or general contractor for the standard of care and best application or finish for that area and that design of a building. Designtex will not take responsibility for any quality issues if moisture problems are not addressed before installation. You should also refer to the Mold Handbook authored by the Wallcovering Association with respect to considerations for specifying vinyl wallcovering in various climates and for various building designs. The handbook can be located at: http://www.wallcoverings.org/MOLDbook.pdf

Before Installing:

- Inspect each piece upon receipt. Immediately make a claim with the carrier if the pieces are damaged.
- Check to see that you have received what was ordered and that the rolls all have the same style and run numbers.
- If the material is to be stored, make sure the pieces are kept in a temperature controlled, dry area, and not crushed.

Surface Preparation:

- Site conditions: For best results, finished lighting should be in place at the time of wall preparation and wallcovering installation
- Acceptable hanging surfaces must be clean, smooth, dry and structurally intact.
- Any mildew must be removed from the walls and surfaces treated to inhibit further mildew growth. In humid, mold, and mildew
 prone areas we suggest the use of Zinsser Plus Mildew Proof Commercial Wallcovering System that offers protection against the
 growth of mildew. More extensive moisture problems may require additional steps before installation.
- Do not install wallcovering unless temperature above 55 degrees Fahrenheit is maintained.
- Prior to priming and skim coating, seal damaged drywall facing paper.
- Note: Crayon, pen markers, ink, screw and nail heads, and heavy pencil marks, and stains need to be sealed with a stain-killer prior to priming.
- For all new or refinished wall surfaces, a water based wallcovering primer should be applied to surface before application of wallcovering. Use a wallcovering primer that dries to a solid color to help conceal drywall joints.
- Where there is a color contrast between the wall surface and the wallcovering, it is always best to tint the primer to match the color
 of the wallcovering.
- Glossy and non-porous surfaces should be primed with a coat of an adhesion promoting primer such as R-35 prior to installation of wallcovering.

- We recommend the use of a good quality pre-mixed, heavy duty clear adhesive as made by Zinsser and Roman.
 - * It's always advantageous to use a primer and adhesive from the same manufacturer.
- Do not dilute adhesive.
- In mildew prone environments, use of a mildew inhibitor is recommended. More extensive moisture problems may require additional steps before installation.
- New vapor permeable primers and adhesives are now available to wallcovering installers, which could reduce the risk of mold for all types of wallcoverings, versus the use of traditional primers and adhesives. Examples of such newly available permeable mildew systems are Zinsser's V.P. Vapor Permeable TM System, specifically Shieldz V.P. Primer and Sure Grip V.P. Primer as described on their website (www.zinsser.com tel. 732 469-8100) and Roman Decorating Products" UltraTM Plus Mildew System, specifically UltraTM Plus Primer and UltraTM Plus Adhesive (www.romandecoratingproducts.com tel. 800 488-6117).
- For paper wallcovering, apply a thin even coat of the recommended clear adhesive directly to the wall. Let the adhesive set-up.
- If adhesive does get on the face of the wallcovering, remove immediately with a damp sponge and dry with a clean, dry towel.

• For paper backed wallcovering, paste the strip * with a top quality pre-mixed clear-based adhesive (clear drying) as made by Zinsser or Roman. Do not get adhesive on the wallcovering. Do not over soak or book. The soak varies depending on the conditions at the time of hanging.

* For the Fusion sample book offering do not paste the strip. These products should be dry hung off the roll.

Wallcovering Installation for Paper or Paper Backed Wallcovering:

- Paper / paper backed products should be hung straight off the roll. If it is not pre-trimmed, it should be table trimmed and butt seamed: do not double cut.
- Always use a soft brush and soft roller and/ or flexible sweep to apply wallcovering to the wall; do not use a metal knife or stiff
 sweep. Use vertical movements to remove air bubbles.

Installation for Etruscan Wall and Metallica:

• Keep in mind that these wallcoverings are handcrafted by artisans who work at getting a natural marble or stone effect. Before hanging, the strips must be laid out as to color and density, just as with installation of marble. Take the time to lay the strips out and match them, in a clean work area. Variation between strips is a natural element of this handmade wallcovering and should be expected. Occasional flecks of pigment and coloration are also inherent to this product. The wrinkles and folds in the paper are a part of the manufacturing process; they are meant to come out.

Installation for Grasscloth:

• Grasscloth and woven fiber wallcoverings must be color matched before installing. Start installing from the center of the wall and proceed outward in both directions, balancing light and dark strips. Strips may be reversed if necessary, at the discretion of the designer or installer, depending on the degree of variation in the wallcovering, and the desired end result. Regardless, a degree of "paneling" will usually be evident. This is standard with natural materials.

Adhesive Application for Industrial Wallcovering:

Isla does contain a small amount of fiber glass. Wearing working gloves when handling this product is recommended.

• The application of the recommended adhesive to the back of the wall covering or directly to the wall (dry hanging) is acceptable.

Installation for Industrial Wallcovering:

Isla does contain a small amount of fiber glass. Wearing working gloves when handling this product is recommended.

- Cut strips as they come off the roll.
- Reverse alternate strips if necessary to minimize shading/paneling between strips.
- Strips can either be butt joined or overlapped and double cut; if you overlap and double cut take care not to score the primer or wall underneath. An underscore will cause the seams to pull away months after the installation (as with any wallcovering).
- Use of a straight edge and razor is recommended. Blades must be changed frequently. "Snap off" cutting tools are not recommended.
- When installation is complete, wipe finished walls with a tack cloth and clean damp cloth to remove particles that may have become airborne during the installation process.
- If paste does get on the wallcovering, clean it off immediately with warm water and blot dry with clean lint free towel. Change this water frequently. Be certain to wash the ceiling and the baseboard to remove any paste residue. Seams should be vertical, have a tight fit, and free from air and paste bubbles. Seams should not be located closer than 6" to corners.
- Avoid burnishing the face of the wallcovering. Use a soft brush and soft roller and/or flexible sweep to apply wallcovering to the wall. *Do not use a metal knife or swift sweep.*
- Use a seam roller to flatten the edges at the seams, ceilings and baseboards. Use light pressure. Do not press hard enough to remove the adhesive from underneath the wallcovering.

Tatami Installation:

- This product needs to be table trimmed using a straight edge razor. For best installation, change blades frequently. "Snap off" cutting tools are not recommended.
- Please note, Tatami features a 12" side-to-side repeat (see register marks at selvage). Please hang accordingly for optimum seamage.
- Also note, Tatami can be hung randomly with no obvious side-to-side match, but the overall effect will be more panel like.
- Butt join wallcovering which you've already trimmed; do not overlap and double cut.
- Use a soft brush and soft roller and/or flexible sweep to apply wallcovering to the wall. Do not use a metal knife or swift sweep.

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INSTALLATION INSTRUCTIONS FOR GREENWARE, HARDWARE, ACOUSTICAL AND ACRYLIC BACKED WALLCOVERING

STOP AND READ BEFORE INSTALLING

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Mold and Mildew Alert!

Before installing any wallcovering, the building must be checked for any moisture problems that could have an effect on mold and mildew growth after the wallcovering is installed. Do not install any wallcovering if the walls appear to have any moisture damage or if the building appears to have moisture infiltration problems. If you are uncertain if moisture problems are present, contact your architect, mechanical contractor, or general contractor for the standard of care and best application or finish for that area and that design of a building. Designtex will not take responsibility for any quality issues if moisture problems are not addressed before installation. You should also refer to the Mold Handbook authored by the Wallcovering Association with respect to considerations for specifying vinyl wallcovering in various climates and for various building designs. The handbook can be located at: http://www.wallcoverings.org/MOLDbook.pdf

The Designtex Group's woven textile wallcoverings are constructed with natural and man-made fibers, which can involve variations in color, texture, and character, which in some cases may enhance the natural character of the materials.

Before Installing:

- Inspect each piece upon receipt. Immediately make a claim with the carrier if the pieces are damaged.
- Check to see that you have received what was ordered and that the rolls all have the same style and run numbers.
- If the material is to be stored, make sure the pieces are kept in a temperature controlled, dry area, and not crushed.

Surface Preparation:

- Site conditions: For best results, finished lighting should be in place at the time of wall preparation and wallcovering installation
- Acceptable hanging surfaces must be clean, smooth, dry and structurally intact.
- Any mildew must be removed from the walls and surfaces treated to inhibit further mildew growth. In humid, mold, and mildew prone
 areas we suggest the use of Zinsser Plus Mildew Proof Commercial Wallcovering System that offers protection against the growth of
 mildew. More extensive moisture problems may require additional steps before installation.
- Do not install wallcovering unless temperature above 55 degrees Fahrenheit is maintained.
- Prior to priming and skim coating, seal damaged drywall facing paper.
- Note: Crayon, pen markers, ink, screw and nail heads, and heavy pencil marks, and stains need to be sealed with a stain-killer prior to priming.
- For all new or refinished wall surfaces, a water-based wallcovering primer should be applied to the surface before application of
 wallcovering. Use a primer that dries to a solid color to help conceal drywall joints.
- Where there is a color contrast between the wall surface and the wallcovering, it is always best to tint the primer to match the color of the wallcovering.
- Glossy and non-porous surfaces should be primed with a coat of an adhesion promoting primer such as R-35 prior to installation of wallcovering.

- We recommend the use of a good quality pre-mixed, heavy duty clear adhesive as made by Zinsser and Roman.
 - * It's always advantageous to use a primer and adhesive from the same manufacturer.

- This adhesive should be used at full strength. Do not dilute adhesive.
- In mildew prone environments, use of a mildew inhibitor is recommended. More extensive moisture problems may require additional steps before installation.
- New vapor permeable primers and adhesives are now available to wallcovering installers, which could reduce the risk of mold for all types of wallcoverings, versus the use of traditional primers and adhesives. Examples of such newly available permeable mildew systems are Zinsser's V.P. Vapor Permeable [™] System, specifically Shieldz V.P. Primer and Sure Grip V.P. Primer as described on their website (www.zinsser.com tel. 732 469-8100) and Roman Decorating Products" Ultra[™] Plus Mildew System, specifically Ultra[™] Plus Primer and Ultra[™] Plus Adhesive (www.romandecoratingproducts.com tel. 800 488-6117).
- Apply a thin, even coat of the recommended clear adhesive directly to the wall. Let the adhesive set-up.
- If adhesive does get on the face of the wallcovering, remove immediately with a damp sponge and dry with a clean, dry towel.
- * For acrylic back acoustical wallcovering (wall carpet) the use of a heavy duty clay based adhesive is recommended. After the wall surface has been properly primed, the clay based adhesive should be applied directly to the wall, not the back of the wall carpet.

Wallcovering Installation:

- For best results, we recommend dry table trimming 2" to 4" off the inside finished edge of the wallcovering to be hung. To minimize the possibility of fraying when trimming and other potential issues, these products must be table trimmed from the back using a fresh straight edge on each cut. "Snap off" cutting tools are not recommended.
- Unless specified, all acrylic backed olefin wallcovering should be installed "straight up" as it is cut from the roll. Depending on lighting conditions at the site, some products may appear less paneled when reversed. Due to the inherent reflective quality of the yarns, Matrix, Zip, Flip and Skip products may appear to panel. If this occurs, it may be minimized by reversing alternate strips.
- Please note Skip is a pattern that requires straight across match whether it is installed straight up or reversing alternate strips.
- Care should be taken not to apply too much pressure when smoothing out wallcovering. Too much pressure can cause fabric to stretch. It can force excess paste onto the face of adjoining wallcovering. Stretched wallcovering may shrink when drying, causing seams to open. Gently work seams, over working can cause fraying. Too much pressure from finger tips or seam roller may cause paste to bleed through fabric causing permanent stains
- In the case of acoustical products, trimming may be necessary to insure proper seams. Much care should be taken to trim between the ribs (do not cut across ribs) using a razor blade or a row cutter. Change blades after every cut. Smooth seams with wallcovering smoother or a carpet roller. Do not crush fibers
- Due to the nature of the Zip construction, the seams of this wallcovering product may appear to display a 'zippering' effect when viewed from certain angles and in certain lighting conditions

<u>Special Procedures when Additional Edge Conforming Properties are required Specifically for Greenware, Hardware and, Alloy:</u>

As in the case of installing stiffer and heavier vinyl wallcoverings, softening the material where needed, with the use of low heat, will allow the material to conform and lay flat. A heat gun is a common tool to install stiffer and heavier vinyl wallcoverings.
 Heat should be carefully used so as not to damage the wallcovering and for proper safety. Additional adhesive applied to the wall surface within six inches of an outside corner and allowed to reach maximum tackiness will also be helpful.

WallcoveringInstallation for Field Grass/City Blocks:

- Strips must be table trimmed using a straight edge and razor. Make sure to trim far enough in to cut off the curving that occurs near the edges of the wallcovering. Some degree of curve bowing is inherent in this wallcovering giving it a hand loomed appearance. However, the edges must be trimmed. Remember to change blades with every trim. "Snap off" tools are not recommended.
- Do not get paste on the wallcovering.
- Use a soft brush or soft roller to apply wallcovering to the wall. To get the edges down, use a piece of scrap wallcovering laid over the edge; rub the scrap, not the finished product; however, do not abrade the surface with the scrap piece.
- Wallcovering should be installed "straight up" as it is cut from the roll. **Do not** reverse alternate strips.

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INSTALLATION INSTRUCTIONS FOR WANNABE AND WANNABE RIB WALLCOVERING

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Mold and Mildew Alert!

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Before Installing:

- Inspect each piece upon receipt. Immediately make a claim with the carrier if the pieces are damaged.
- Check to see that you have received what was ordered and that the rolls all have the same style and run numbers.
- If the material is to be stored, make sure the pieces are kept in a temperature controlled, dry area, and not crushed.

Surface Preparation:

- Site conditions: For best results, finished lighting should be in place at the time of wall preparation and wallcovering installation
- Acceptable hanging surfaces must be clean, smooth, dry and structurally intact.
- Any mildew must be removed from the walls and surfaces treated to inhibit further mildew growth. In humid, mold, and mildew prone
 areas we suggest the use of Zinsser Plus Mildew Proof Commercial Wallcovering System that offers protection against the growth of
 mildew. More extensive moisture problems may require additional steps before installation.
- Do not install wallcovering unless temperature above 55 degrees Fahrenheit is maintained.
- Prior to priming and skim coating, seal damaged drywall facing paper.
- Note: Crayon, pen markers, ink, screw and nail heads, and heavy pencil marks, and stains need to be sealed with a stain-killer prior to priming.
- For all new or refinished wall surfaces, a water-based wallcovering primer should be applied to the surface before application of wallcovering. Use a primer that dries to a solid color to help conceal drywall joints.
- Where there is a color contrast between the wall surface and the wallcovering, it is always best to tint the primer to match the color of the wallcovering.
- Glossy and non-porous surfaces should be primed with a coat of an adhesion promoting primer such as R-35 prior to installation of wallcovering.

Adhesive Application:

- We recommend the use of a good quality pre-mixed, heavy duty clear non-strippable adhesive as made by Zinsser and Roman. * It's always advantageous to use a primer and adhesive from the same manufacturer.
- This adhesive should be used at full strength. Do not dilute adhesive.
- In mildew prone environments, use of a mildew inhibitor is recommended. More extensive moisture problems may require additional steps before installation.
- New vapor permeable primers and adhesives are now available to wallcovering installers, which could reduce the risk of mold for all types of wallcoverings, versus the use of traditional primers and adhesives. Examples of such newly available permeable mildew systems are Zinsser's V.P. Vapor Permeable [™] System, specifically Shieldz V.P. Primer and Sure Grip V.P. Primer as described on their website (www.zinsser.com tel. 732 469-8100) and Roman Decorating Products" Ultra[™] Plus Mildew System, specifically Ultra[™] Plus Primer and Ultra[™] Plus Adhesive (www.romandecoratingproducts.com tel. 800 488-6117).
- Material is designed to be dry hung (do not use a pasting machine).
- Apply a thin, even coat of the recommended clear non-strippable adhesive directly to the wall and allow to dry overnight. DO NOT APPLY PASTE TO THE BACK OF THE WALLCOVERING.
- Once the first coat of adhesive is completely dry, apply a second coat to the wall and allow the adhesive to set up.
- If adhesive does get on the face of the wallcovering, remove immediately with a damp sponge and dry with a clean, dry towel.

Wallcovering Installation:

- For best results, we recommend dry table trimming to minimize the possibility of fraying and other potential issues, using a fresh blade on each cut. "Snap off" cutting tools are not recommended.
- Wallcovering should be hung straight up without alternating strips (All seams should be vertical, nap going the same way, and at least 6" away from the inside or outside of corners). For best results, apply full widths of material wherever possible. Headers and doors may cause shading. Note: Due to the lustrous needle-punch pile, some shading is inherent and not considered a defect.
- Begin hanging by cutting the first wallcovering strips to the desired length, while leaving an inch of material on the top and bottom for proper trimming (a straight line will have to be cut on the top and bottom, as the material is not factory trimmed). All top and bottom edges must be butt jointed.
- Much care should be taken when trimming using a razor blade or a row cutter. Change blades after every cut. Smooth seams with wallcovering smoother or a carpet roller. Do not crush fibers
- Care should be taken not to apply too much pressure when smoothing out wallcovering. Too much pressure can cause fabric to stretch. It can force excess paste onto the face of adjoining wallcovering. Stretched wallcovering may shrink when drying, causing seams to open. Gently work seams. Too much pressure from finger tips or seam roller may cause paste to bleed through fabric causing permanent stains

After installing the first 3 strips of any wallcovering – STOP! Once again, make sure the product is correct, that there are no quality or product issues with the wallcovering. Should a quality issue or question arise please call our installation HOTLINE at 1-800-797-4949, Option 1, Ext. 7749 between the hours of 9:00 a.m. to 4:30 p.m. EST. Designtex will not take responsibility for any quality issues raised after the first 3 strips are cut and installed.

www.designtex.com

INSTALLATION INSTRUCTIONS FOR FELT WALLCOVERING

STOP AND READ BEFORE INSTALLING

If at any time during the installation a product or installation issue should be discovered –STOP! Contact your distributor or dealer before proceeding. After installing the first 3 strips of any wallcovering –STOP! Once again, make sure the product is correct, that there are no quality or product issues with the wallcovering. Should a quality issue or question arise, please call our installation HOTLINE at 1-800-797-4949, Option 1, Ext. 7749 between the hours of 9:00 a.m. to 4:30 p.m. EST. Designtex will not take responsibility for any quality issues raised after the first 3 strips are cut and installed.

Mold and Mildew Alert!

Before installing any wallcovering, the building must be checked for any moisture problems that could have an effect on mold and mildew growth after the wallcovering is installed. Do not install any wallcovering if the walls appear to have any moisture damage or if the building appears to have moisture infiltration problems. If you are uncertain if moisture problems are present, contact your architect, mechanical contractor, or general contractor for the standard of care and best application or finish for that area and that design of a building. Designtex will not take responsibility for any quality issues if moisture problems are not addressed before installation. You should also refer to the Mold Handbook authored by the Wallcovering Association with respect to considerations for specifying vinyl wallcovering in various climates and for various building designs. The handbook can be located at: http://www.wallcoverings.org/MOLDbook.pdf

The Designtex Group's woven textile wallcoverings are constructed with natural and man-made fibers, which can involve variations in color, texture, and character, which in some cases may enhance the natural character of the materials.

Before Installing:

- · Inspect each piece upon receipt. Immediately make a claim with the carrier if the pieces are damaged.
- Check to see that you have received what was ordered and that the rolls all have the same style and run numbers.
- If the material is to be stored, make sure the pieces are kept in a temperature controlled, dry area, and not crushed.
- Note: Felt must be acclimated to the site conditions for a minimum of 72 hours prior to installation and ideally one week to avoid acclimating to the environment while installed which could cause shrinking and open seams.
- Only 3mm and 5mm thick felts should be installed for wallcovering application.

Surface Preparation:

- Site conditions: For best results, finished lighting should be in place at the time of wall preparation and wallcovering installation
- Acceptable hanging surfaces must be clean, smooth, dry and structurally intact.
- Any mildew must be removed from the walls and surfaces treated to inhibit further mildew growth. In humid, mold, and mildew prone
 areas we suggest the use of Zinsser Plus Mildew Proof Commercial Wallcovering System that offers protection against the growth of
 mildew. More extensive moisture problems may require additional steps before installation.
- Do not install wallcovering unless temperature above 55 degrees Fahrenheit is maintained.
- Prior to priming and skim coating, seal damaged drywall facing paper.
- Note: Crayon, pen markers, ink, screw and nail heads, and heavy pencil marks, and stains need to be sealed with a stain-killer prior to priming.
- For all new or refinished wall surfaces, a water-based wallcovering primer should be applied to the surface before application of wallcovering. Use a primer that dries to a solid color to help conceal drywall joints.
- Where there is a color contrast between the wall surface and the wallcovering, it is always best to tint the primer to match the color of the wallcovering.
- Glossy and non-porous surfaces should be primed with a coat of an adhesion promoting primer such as R-35 prior to installation of wallcovering.

Adhesive Application:

- We recommend the use of a good quality pre-mixed, heavy duty clear non-strippable adhesive or clay based adhesive as made by Zinsser and Roman. Note, its best to use clay based adhesive when working with 5mm thick felts for optimum adhesion
 * It's always advantageous to use a primer and adhesive from the same manufacturer.
- This adhesive should be used at full strength. Do not dilute adhesive.
- In mildew prone environments, use of a mildew inhibitor is recommended. More extensive moisture problems may require additional steps before installation.
- New vapor permeable primers and adhesives are now available to wallcovering installers, which could reduce the risk of mold for all types of wallcoverings, versus the use of traditional primers and adhesives. Examples of such newly available permeable mildew systems are Zinsser's V.P. Vapor Permeable ™ System, specifically Shieldz V.P. Primer and Sure Grip V.P. Primer as described on their website (www.zinsser.com/tel. 732 469-8100) and Roman Decorating Products" Ultra™ Plus Mildew System, specifically Ultra™ Plus Primer and Ultra™ Plus Adhesive (www.romandecoratingproducts.com/tel. 800 488-6117).
- Material is designed to be dry hung (do not use a pasting machine).
- Apply a thin, even coat of the recommended adhesive directly to the wall and allow curing per the adhesive manufacturer's instructions. DO NOT APPLY PASTE TO THE BACK OF THE WALLCOVERING.
 - Note: Due to the inherent Wool content, felts may shrink during the adhesive curing time and seams may need to be reaffixed with additional adhesive.
- Once the first coat of adhesive is completely dry, apply a second coat to the wall and allow the adhesive to set up.
- If adhesive does get on the face of the wallcovering, remove immediately with a damp sponge and dry with a clean, dry towel.

Wallcovering Installation:

- For best results, we recommend dry table trimming to minimize the possibility of fraying and other potential issues, using a fresh blade on each cut. Thicker felts may require added pressure and additional passes to trim. "Snap off" cutting tools are not recommended.
- Wallcovering should be hung straight up without alternating strips (All seams should be vertical, nap going the same way, and at least 6" away from the inside or outside of corners). For best results, apply full widths of material wherever possible. Headers and doors may cause shading. Note: Due to the nature of the natural fibers slight color variation from panel to panel may exist and fine marks and tar spots are inherent in the product.
- Begin hanging by cutting the first wallcovering strips to the desired length, while leaving an inch of material on the top and bottom for proper trimming (a straight line will have to be cut on the top and bottom, as the material is not factory trimmed). All top and bottom edges must be butt jointed.
 - *Due to the thickness of the material it may be required to stop and start a seam at the corners (inside), but this is up to the discretion of the installer.
- Much care should be taken when trimming using a razor blade or a row cutter. Change blades after every cut. Smooth seams with wallcovering smoother or a carpet roller. Do not crush fibers.
- Care should be taken not to apply too much pressure when smoothing out wallcovering. Too much pressure can cause fabric to stretch. It can force excess paste onto the face of adjoining wallcovering. Stretched wallcovering may shrink when drying, causing seams to open. Gently work seams. Too much pressure from finger tips or seam roller may cause paste to bleed through fabric causing permanent stains

After installing the first 3 strips of any wallcovering – *STOP!* Once again, make sure the product is correct, that there are no quality or product issues with the wallcovering. Should a quality issue or question arise please call our installation HOTLINE at 1-800-797-4949, Option 1, Ext. 7749 between the hours of 9:00 a.m. to 4:30 p.m. EST. Designtex will not take responsibility for any quality issues raised after the first 3 strips are cut and installed.

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Digital Walls Installation Instructions

Upon receiving your digital wallcovering and prior to installation, please examine the goods to make certain the size, image and quality are satisfactory and as ordered. If, after reading through these instructions, there are any questions concerning the surface to be covered, the wallcovering or the installation process, a test installation of at least three strips, applied three days in advance of the main installation, is recommended.

Please contact your Designtex Sales Representative or Surface Imaging Coordinator for further assistance, or call 800.221.1540.

Mold and Mildew Alert!

Before installing any wallcovering, the building must be checked for any moisture problems that could have an effect on mold and mildew growth after the wallcovering is installed. Do not install any wallcovering if the walls appear to have any moisture damage or if the building appears to have moisture infiltration problems. If you are uncertain if moisture problems are present, contact your architect, mechanical contractor, or general contractor for the standard of care and best application or finish for that area and that design of a building. Designtex will not take responsibility for any quality issues if moisture problems are not addressed before installation. You should also refer to the Mold Handbook authored by the Wallcovering Association with respect to considerations for specifying vinyl wallcovering in various climates and for various building designs. The handbook can be located at: http://www.wallcoverings.org/MOLDbook.pdf

BEFORE INSTALLING

Inspect each piece upon receipt. Immediately make a claim with the carrier if the pieces are damaged. Check to see that you have received what was ordered and that all mural panels are included in the shipment. If the material is to be stored, make sure the pieces are kept in a temperature controlled, dry area, and not crushed.

SURFACE PREPARATION

Proper surface preparation is essential for quality wallcovering installation. For best results, finished lighting should be in place at the time of wall preparation and wall-covering installation.

- Acceptable hanging surfaces must be clean, smooth, dry and structurally intact.
- Any mildew must be removed from the walls and surfaces treated to inhibit further mildew growth. In humid, mold, and mildew prone areas we suggest the use of Zinsser Plus Mildew Proof Commercial Wallcovering System that offers protection against the growth of mildew. More extensive moisture problems may require additional steps before installation.

Digital Walls Installation Instructions

- Do not install wallcovering unless temperature is maintained between 55 80 degrees Fahrenheit.
- Prior to priming and skim coating, seal damaged drywall facing paper.
- Crayon, pen markers, ink, screw and nail heads, heavy pencil marks and stains need to be sealed with a stain-killer prior to priming.
- For all new or refinished wall surfaces, a water-based wallcovering primer should be applied to surface before application of wallcovering. Use a wallcovering primer that dries to a solid color to help conceal drywall joints.
- Where there is a color contrast between the wall surface and the wallcovering, it
 is recommended to tint the wall paint primer to match the color of the
 wallcover-ing.
- Glossy and non-porous surfaces should be primed with a coat of an adhesion promoting primer such as R-35 prior to installation of wallcovering.

RECOMMENDED PRIMERS AND ADHESIVES

dna™

Designtex recommends the use of a good quality Heavy-Duty **Clear** Wall Covering adhesive as made by Zinsser and Roman when installing dna. It is always advantageous to use a primer and adhesive from the same manufacturer.

Type II Wallcovering (smooth and textured)

Designtex recommends a premium quality heavy-duty clear premixed adhesive. Use of a mildew inhibitor in the adhesive is recommended. Do not dilute adhesive. Brush an even coat of paste over entire back of wallcovering. Pay particular attention to run over edges so they are sure to be pasted. Book material for ten minutes. Failure to book the drops could result in peeling and other installation problems.

Special notes for mildew-prone environments

Use of a mildew inhibitor is recommended. More extensive moisture problems may require additional steps before installation. New vapor permeable primers and adhesives are now available to wallcovering installers. These primers and adhesives can reduce the risk of mold for all types of wallcoverings versus the use of traditional primers and adhesives. Examples of such newly available permeable mildew systems are:

- Zinsser's V.P. Vapor Permeable [™] System, specifically Shieldz V.P. Primer and Sure Grip V.P. Primer. See www.zinsser.com or call (732) 469-8100 for more information.
- Roman Decorating Products Ultra™ Plus Mildew System, specifically Ultra™ Plus Primer and Ultra™ Plus Adhesive. See www.romandecoratingproducts.com or call (800) 488-6117 for more information.

Digital Walls Installation Instructions

ADHESIVE APPLICATION

- We recommend the use of a good quality Heavy Duty "Clear" Wall
 Covering Adhesive, as made by Zinsser and Roman.
 * It's always advantageous to use a primer and adhesive from the same manufacturer.
- Do not dilute adhesive.
- Application of the recommended adhesive can be applied to the back of the DNA wallcovering or directly to the wall surface. If the back of the DNA wallcovering is to be pasted, the adhesive can be applied by use of a paste machine or roller and make certain the adhesive completely cover the back of the wallcovering, especially at the edges.
- Each pasted strip has to be "booked" for approximately 10 to 15 minutes to allow the wallcovering to "relax". This will prevent blisters from occurring when the strip is applied to the prepared wall surface.
- If the wall surface is to be pasted, the back of each strip of DNA wall covering should receive an application of water and then "booked" for approximately 10 minutes to allow the wallcovering to "relax". This will prevent blisters from occurring when the strip is applied to the prepared wall surface. The adhesive applied to the wall should be allowed to become tacky.

HANGING THE WALLCOVERING

Please note, When hanging drops, it is important to line up patterns/images at eye level allowing any drift in lineup to run off toward the ceiling and floor. If pattern is lined up at the ceiling the pattern misalignment may begin sooner and the gap will be larger and more visible. Also, most patterns will be viewed at eye level therefore it is that area that needs to look aligned.

- Apply adhesive as described above. Hang the first panel to a plumb line and allow
 it to overlap onto the ceiling and baseboard. Use a smoothing brush or plastic
 smoother to remove any air bubbles and to make sure all of the wallcovering
 has made good contact to the wall. Use the smoothing tools gently in order not
 to damage the image surface. Use light pressure. Do not press hard enough to
 remove the adhesive from underneath the wallcovering.
- 2. Trim with a razor knife at the ceiling and baseboard, around windows, etc.
- 3. Overlap the second strip 2" over the edge of the first strip, align image, and smooth out firmly. Panel edges should be overlapped and double cut on the wall. Care should be exercised so that the wallboard underneath is not scored. A

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Digital Walls Installation Instructions

double cutting tool or seam pad is recommended to prevent scoring the wall.

- 4. The selvage (excess trimmed edge) should be removed from the wall and the seam closed within one hour.
- 5. Sponge each strip with clean water to remove any excess adhesive. Use a soft bristle brush to clean if necessary. Change the wash water frequently and blot surfaces dry with a clean towel. Be certain to wash the ceiling and the baseboard to remove any paste residue. Do not leave any overlap at the seams since the vinyl will not adhere to itself. Seams should be vertical, have a tight fit, and be free from air and paste bubbles.
- 6. Proceed in the same manner for remaining strips.
- 7. Avoid burnishing the face of the material. Use a wallcovering brush or a plastic scraper to smooth the wallcovering onto the wall.
- 8. Use a seam roller to flatten the edges at the seams, ceilings and baseboards. Use light pressure. Do not press hard enough to remove the adhesive from underneath the wallcovering.

WALLCOVERING MAINTENANCE

Stains should be removed as soon as possible to eliminate any possible reaction between the staining agent and the wallcovering. Time is especially important for removing materials containing colors or solvents, such as ballpoint ink, lipstick, oil, shampoo tints and some foodstuffs. If soil remains on the wallcovering too long, permanent discoloration may develop.

Vinyl wallcovering should not be sprayed with wax or other protective coating. Such applications can discolor the material and, in any case, offer little protection.

Ordinary dirt and smudges can be removed with a mild soap and warm water. Clean from the bottom of the wall upward to protect the baseboard and to prevent streaking. Rinse thoroughly with clean water from the top down using a sponge. Dry with a clean cloth.

Do not use active solvent-type cleaning preparations, such as nail polish remover, tar and bug removers, abrasive cleaners, steel wool, etc., as they can remove the finish from the wallcovering.