



Terralon™, Terralon Regatta™, and Terralon Smooth™ Technical Sheet v040419

Product Name: DreamScape Terralon, Terralon Regatta, Terralon Smooth
Description: Sustainable, PVC Free, Breathable, Eco-friendly digitally printable wallcovering, 54", 31% post consumer recycled content, for Latex, UV curable, Solvent + Eco Solvent inkjet printers
Construction: 100% Terralon™ (Proprietary Polyester/Natural Fiber Technology)
Packaging: 3" core, wound print side out, wrapped in black back, Shipped in heavy duty reusable cardboard tube
Application: Standard commercial wallcovering pastes/primers and techniques. For indoor use in environmentally controlled spaces.

Availability:

		US	Metric
Roll Sizes:	Widths:	54"	1.37m
	Lengths:	25yds, 50yds, 100yds	30m, 50m, 100m
	Trial Rolls:	27"x15'	.686m x 4.57m

Weight & Thickness:

		US	Metric
Product Weight & Thickness:	Weight:	14oz. per lineal yard (9.3 oz. per square yard)	315.3g/m ²
	Thickness:	0.022in.	0.559mm

Physicals:

A breathable, lightweight alternative to vinyl that meets Type II physicals including::

ASTM E96 Permeability	66 Perms	Passed WA 101 Minimum for Breathable Wallcovering (8 Perms)	
Break Strength	Tear Strength	Cold Crack	Heat Aging
Shrinkage	Stain Resistance	Coating Adhesion (Bond)	Colorfastness
Washability	Scrubability	Blocking	Crocking

Print Ink(s):

For printers using Solvent, Eco-Solvent, UV Curable and Latex inks

Sustainability:

PVC & POA (Olefin) free, No Plasticizers, No Chlorine, No Formaldehyde, No heavy metals
 NSF-342 - Certified for Silver compliance
 HPD – Health Product Declaration available
 EPD – Environmental Product Declaration available - UL third party certified for wallcovering industry average
 Low VOC – Meets California CDPH Standard for Schools and Offices when tested to CA 01350
 Phthalate free formulation
 Prop 65 compliant

Manufactured without the use of Brominated flame retardants
 Recycled Content – Minimum 31% post-consumer recycled content

Fire Test Ratings:

ASTM-E84 Tunnel Test	Passed Class A
CAN/ULC-S102	Passed all requirements

LEEDS eligibility:

Terralon™ can contribute towards the earning of up to 7 LEED credits.
 MR Credit 4.1 Recycled content 10% MR Credit 4.2 Recycled content 20%
 Conditionally-
 MR Credit 2.1 Contribution to project recycling program
 MR Credit 2.2 Contribution to project recycling program
 MR Credit 5.1 Manufactured local to the new construction
 EQ Credit 4.1 When mounted with use of low emitting adhesives
 EQ Credit 4.6 Contribution to low VOC emitting wall construction
 Also eligible for LEED v4 credit contribution

Warranty:

5 Year Warranty against manufacturing defects. Additional information regarding warranty is available on our website at:
<http://www.dreamscapewalls.com/>

Comments:

**Permeable structure allows transfer of moisture to minimize possibility of mold and mildew growth. Terralon is intended for use in buildings that are properly designed and maintained to avoid moisture infiltration, condensation, and/or accumulation at wall cavities and wall surfaces, especially in warm, humid climates.

Note: All LEED credits are based on the total construction of a building. Terralon offers up to a 50% advantage over competitive products for achieving MR Credit 4.1 and MR Credit 4.2 because of its higher percentage of post consumer recycled products.



ARCHITECT'S SPECIFICATIONS

PVC-Free Wallcoverings

1. GENERAL

1.1 Summary

Contractor shall furnish, install and finish environmentally friendly wallcovering as specified in the contract documents.

1.2 Sample

Contractor shall submit for the architect's approval – a sample of each texture, type or color to be installed.

1.3 Compliance

Submit certification that the manufacturer's wallcovering meets the architect's specifications. Submit documentation that the manufacturer's wallcovering is fire rated Class "A".

1.4 Warranty

Contractor will supply the manufacturer's written warranty against defects in workmanship for 5 years from date of installation. Submit manufacturer's written warranty.

1.5 Delivery, Storage and Handling

All necessary materials for installation including wallcovering, primer and adhesives must be delivered to the job site undamaged. All containers are to be clearly marked with the manufacturer's identification label. Store wallcovering rolls and materials horizontally in a clean, dry area where temperature and humidity remain constant and within the manufacturer's specifications.

1.6 Project Conditions

Environmental conditions must remain constant and over 65 degrees Fahrenheit for at least four days before and throughout the installation and 4-7 days thereafter. Walls shall be finished to the Architect's specification and be free of surface defects and dirt. The Contractor for the installation process must provide sufficient lighting and access.



2.5 Adhesives and Primers

It is recommended to use Adhesives and Primers designed for permeable wallcoverings. Adhesives and Primers must contain mildew inhibitors. See manufacturer's recommendations for commercially available products.

ARCHITECT'S SPECIFICATIONS

3.0 EXECUTION

3.1 Inspection

1. The Contractor shall provide a complete copy of DreamScape's current Hanging Instructions to the installer pertaining to the installation of the wallcovering. **ALL INSTALLATIONS MUST CONFORM TO MANUFACTURERS CURRENT INSTALLATION INSTRUCTIONS AND PRODUCT TECHNICAL INFORMATION.**
2. All labels shall be checked for accuracy by the installer to insure that the shipment is received as ordered.
3. If no defect is evident before installation, the material should be inspected after three (3) panels are installed. If any defect is evident at this time (or any point of the installation) no further material should be applied and Contractor should be contacted **IMMEDIATELY.**

3.2 Surface Preparation

- A. All hanging surfaces must be clean, smooth, dry, undamaged, free of mold, mildew, grease or stains, and structurally intact. All loose paint and other wallcoverings must be removed. If moisture is present, immediately identify and eliminate the source(s) of the moisture and verify that all wall surfaces are completely dry before proceeding.
- B. Any mold or mildew **MUST** be removed from walls and hanging surfaces prior to installation. Walls should not contain in excess of 4% residual moisture content. A moisture meter should be used to determine moisture content. Moisture infiltration and accumulation can lead to mold or mildew growth and must be corrected **PRIOR** to the installation of the wallcovering. This product is intended for use in buildings that are properly designed and maintained to avoid moisture infiltration, condensation and or accumulation at wall cavities and wall surfaces, particularly in warm, humid climates. Old walls shall also be treated with bleach, Lysol and/or other approved, mildew –inhibiting products in order to inhibit further mildew growth.
- C. Proper surface preparation is key to getting great results. To prepare the surface properly, we recommend that you prime all surfaces with a universal, white-pigmented, mold inhibiting wallcovering primer.
- D. For new drywall construction, a coat of wallcovering primer shall be applied to the surface before application of wallcovering. Use a primer that dries to a solid color to conceal drywall joints.



ARCHITECT'S SPECIFICATIONS

- E. Use only a lead pencil for marking walls and back of wallcovering. Do not use ballpoint or marking pen, they will bleed through the surface.
- F. Do not install wallcovering unless a temperature above 65° degrees F is maintained in both areas of installation and storage for at least 48 hours prior to installation.

3.3 Installation

1. If the application is a textured or non-matched wallcovering pattern, reverse hanging of alternate panels is required to ensure color continuity from strip to strip. If the application is a mural it is recommended that every other panel is rotated 180 degrees when printing to minimize the side-to-side color shift that may occur with each printer.
2. 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. Apply the recommended adhesive to the back using either a pasting machine or a paint roller. Work the adhesive in, to cover the back completely, especially near the edges. Fold each end toward the middle, pasted sides together, aligning the edges carefully so they do not dry out. CAUTION: Do not crease wallcovering. Allow to "relax" for ten minutes (booking). This will allow the adhesive to penetrate the wallcovering fabric, which is important to a successful installation.
3. WITH ALL DIRECTIONAL PATTERNS, IT IS IMPORTANT TO LINE UP PATTERNS AT EYE LEVEL ALLOWING ANY DRIFT IN LINEUP TO RUN OFF TOWARD CEILING AND FLOOR. THE STANDARD ALLOWANCE IS ONE QUARTER OF AN INCH UP OR DOWN. IF PATTERN IS LINED UP AT THE CEILING THE PATTERN WILL BEGIN MISALIGNMENT SOONER AND THE GAP WILL BE LARGER. ALSO, MOST PATTERNS WILL BE VIEWED AT EYE LEVEL THEREFORE IT IS THAT AREA THAT NEEDS TO LOOK ALIGNED. IF THERE ARE ANY QUESTIONS ABOUT PATTERN LINEUP, CONTACT SUPPLIER. BE SURE FIRST DROP OF WALLCOVERING IS SQUARE ON WALL BY PLUMBING THE WALL AND USING A LEVEL.
4. Avoid burnishing the face of the material. Use a wallcovering brush or a plastic scraper to smooth the wallcovering onto the wall. For optimal durability a liquid topcoat may be used to protect the surface of the wallcovering pattern from stain and abrasion. Caution: a topcoat may significantly reduce the permeability.
5. **Do not rub. Do not allow adhesive to dry on surface as it may leave a white residue. Wash off excess paste from face of wallcovering as you hang it with a cellulose sponge. The cellulose sponge must be rinsed in clean water after every use. Blot dry with a clean cloth.**
6. Place the second strip to the edge of the first strip. Tape seams before overlapping and double cutting to avoid getting adhesive on the wallcovering. **It is imperative that a very sharp, thin blade is used. A new blade must be used with EACH cut.** If paste does get on the wallcovering, clean it off immediately with clean warm water and blot dry with a clean lint less towel. Use a soft bristle brush to wash the ceiling and the baseboard to remove any paste residue. Do not leave any overlap on



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the seams since the wallcovering will not adhere to itself. Seams should be vertical, have a tight fit, and be free from air and paste bubbles. Seams should not be located closer than 6" to corners.

7. After three panels are smoothed to wall surface and excess paste removed, examine the installed panels for color uniformity. Any objectionable variations in colormatch, pattern match, etc...should be immediately communicated to the printer for inspection before proceeding further with installation.
8. After installation, the walls and wallcovering should be monitored for potential moisture or vapor infiltration or accumulation. Any such infiltration/accumulation after installation must be promptly eliminated in order to reduce the risk of mold/mildew growth.

3.4 Clean up and Completion

Upon completion of work, remove all surplus material and debris from work site. All work sites must be clean and orderly upon installation crew departure.



INSTALLATION INSTRUCTIONS FOR HIGH PERFORMANCE TERRALON™ WALLCOVERINGS

PLEASE NOTE: EXTRA CARE MUST BE TAKEN DURING INSTALLATION AS TERRALON IS MORE SUSCEPTIBLE TO CREASING THAN TRADITIONAL VINYL WALLCOVERING PRODUCTS.

IMPORTANT GUIDELINES FOR CONTRACTORS AND SUPPLIERS- STOP & READ BEFORE INSTALLING

1. The supplier shall provide a complete copy of DreamScape's current Installation Instructions to the installer pertaining to the installation of the wallcovering. ALL INSTALLATIONS MUST CONFORM TO MANUFACTURER'S CURRENT INSTALLATION INSTRUCTIONS AND PRODUCT TECHNICAL INFORMATION IN ORDER FOR MANUFACTURER'S WARRANTY PROTECTIONS TO APPLY. If the wallcovering is installed in a manner other than that recommended by DreamScape, it is done at the sole risk of the installer and DreamScape's warranty protections do not apply. Use of a permeable mold inhibiting primer product and the use of a permeable adhesive containing a mildew inhibitor is recommended.
2. All labels shall be checked for accuracy by the installer to insure that the shipment is received as ordered. Check all roll tickets to determine if more than one run or lot of the same pattern is to be installed. Installer should have a sample of the wallcovering pattern for comparison.
3. If no defect is evident before installation, the material should be inspected after three (3) panels are installed. If any defect is evident at this time (or any point of the installation) no further material should be applied and Printer should be contacted **IMMEDIATELY**. DreamScape will replace defective wallcovering in accordance with the terms of its Limited and Exclusive Warranty. If there are any questions on the following instructions, contact DreamScape's Customer Service Department at 973-625-7923 before proceeding.

SURFACE PREPARATION

- A. All hanging surfaces must be clean, smooth, dry, undamaged, free of mold, mildew, grease or stains, and structurally intact. All loose paint and other wallcoverings should be removed. If moisture is present, immediately identify and eliminate the source(s) of the moisture and verify that all wall surfaces are completely dry before proceeding.
- B. Any mold or mildew MUST be removed from walls and hanging surfaces prior to installation. Walls should not contain in excess of 4% residual moisture content. A moisture meter should be used to determine moisture content. Moisture infiltration and accumulation can lead to mold or mildew growth and must be corrected PRIOR to the installation of the wallcovering. If you are unsure if moisture problems are present, consult a qualified professional before proceeding. This product is intended for use in buildings that are properly designed and maintained to avoid moisture infiltration, condensation and or accumulation at wall cavities and wall surfaces, particularly in warm, humid climates. Walls should also be treated with bleach, Lysol and/or other approved, mildew-inhibiting products in order to inhibit further mildew growth. Roysons will not be responsible for any performance and/or quality issues if moisture problems are not addressed before installation, and/or if the building is not properly maintained to prevent moisture infiltration following installation.
- C. Proper surface preparation is key to getting great results. To prepare the surface properly, we recommend that you prime all surfaces with a permeable, mold inhibiting wallcovering primer.
- D. Use only a lead pencil for marking walls and back of wallcovering. Do not use ballpoint or marking pen, as they will bleed through the surface.
- E. Do not install wallcovering unless a temperature above 65° degrees F is maintained in both areas of installation and storage for at least 48 hours prior to installation.

ADHESIVE

Terralon is a highly permeable wallcovering and should be installed with a heavy duty adhesive and primer with mold and mildew inhibitors. Manufacturers such as Roman Decorating and Zinsser offer permeable adhesives and primers with advanced mold and mildew protection. Please check with these manufacturers for their latest products. Roman Eco brand primers and adhesives are recommended for compliance with NSF-342 sustainability.

ADHESIVE APPLICATION

Do not dilute adhesive. Brush an even coat of paste over entire back of wallcovering. Gently double material together and "book" material for ten minutes. Do not fold or crease booked material.

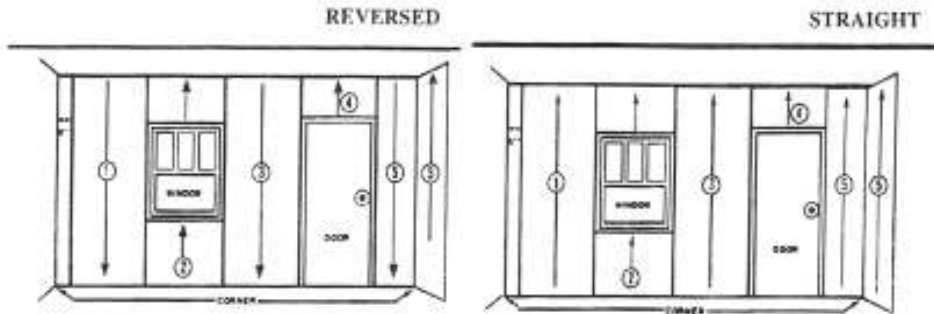
SELECTING AND CUTTING WALLCOVERING- CAUTION: All cuts are to be done with a sharp, new blade every time- A dull blade will result in frayed edges and poor seams!

- A. Before cutting, examine goods to make certain pattern color is satisfactory and as ordered. The installer should have a sample of wallcovering pattern for comparison.
- B. Check all roll tickets to determine if more than one run number (lot number) of the same pattern color is to be hung.
- C. Cut rolls in sequential order starting with the highest number working down to the lowest number. Make certain that run numbers are broken at the corners only. Allow for matching of repeats and trimming at ceilings and baseboards.
- D. Number panels and headers as they are cut from the roll and apply to wall in same sequence.

APPLYING WALLCOVERING TO WALL SURFACE

1. When installing textured or non-matched patterns, reverse hanging of alternate panels is required to ensure color continuity from strip to strip.
2. 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 with a **sharp, new blade** each time. It will overlap onto the ceiling and the base approximately 2 inches.
3. Apply the recommended adhesive to the back using a paint roller. Work the adhesive in, to cover the back completely, especially near the edges. Mate each end toward the middle, pasted sides together, aligning the edges carefully so they do not dry out. CAUTION: Do not crease wallcovering. Allow to "relax" for ten minutes (booking). This will allow the adhesive to penetrate the wallcovering fabric, which is important to a successful installation.
4. WITH ALL DIRECTIONAL PATTERNS, IT IS IMPORTANT TO LINE UP PATTERNS AT EYE LEVEL ALLOWING ANY DRIFT IN LINEUP TO RUN OFF TOWARD CEILING AND FLOOR. THE STANDARD ALLOWANCE IS ONE QUARTER OF AN INCH UP OR DOWN. IF PATTERN IS LINED UP AT THE CEILING THE PATTERN WILL BEGIN MISALIGNMENT SOONER AND THE GAP WILL BE LARGER. ALSO, MOST PATTERNS WILL BE VIEWED AT EYE LEVEL THEREFORE IT IS THAT AREA THAT NEEDS TO LOOK ALIGNED. IF THERE ARE ANY QUESTIONS ABOUT PATTERN LINEUP, CONTACT SUPPLIER. BE SURE FIRST DROP OF WALLCOVERING IS SQUARE ON WALL BY PLUMBING THE WALL AND USING A LEVEL.
5. Goods are designed to match up to 54" wide on walls depending on the pattern. WHEN INSTALLING, EXACT TRIMMING AND LINE UP OF THE PATTERN IS CRITICAL (See installation instructions specified to each design.)
6. Avoid burnishing the face of the material. Use a wallcovering brush or a plastic scraper to smooth the wallcovering onto the wall.

7. Do not rub. Do not allow vinyl adhesive to dry on surface as it may leave a white residue. Wash off excess paste from face of wallcovering as you hang it with a cellulose sponge. The cellulose sponge must be rinsed in clean water after every use. Blot dry with a clean cloth.
8. Overlap the second strip over the edge of the first strip. Tape seams underneath with a low adhesion painter's tape before overlapping and double cutting with a **sharp, new blade** to avoid getting adhesive on the wallcovering. If paste does get on the vinyl, clean it off immediately with clean warm water and blot dry with a clean lint less towel. Use a soft bristle brush to wash the ceiling and the baseboard to remove any paste residue. Do not leave any overlap on the seams since product will not adhere to itself. *Seams should be vertical, have a tight fit, and be free from air and paste bubbles. Seams should not be located closer than 6" to corners.
9. After three panels are smoothed to wall surface and excess paste removed, examine the installed panels for color uniformity. Any objectionable variations in color match, pattern match, etc should be immediately communicated to your sales representative for inspection before proceeding further with installation.
10. After installation, the walls and wallcovering should be monitored for potential moisture or vapor infiltration or accumulation. Any such infiltration/accumulation after installation must be promptly eliminated in order to reduce the risk of mold/mildew growth.



Limited and Exclusive Warranty

DreamScape ("Manufacturer") warrants that for a period of five years from the sale of its wallcovering products ("Products") that the Products shall be free of manufacturing defects, and that Products shall not separate from their backings, and/or exhibit stains caused by bleeding of impurities. Products should not support the growth of mildew when Products are properly installed on a sound wall following the recommended preparation and hanging procedures outlined in the installation instructions, and are adequately maintained and used under normal conditions.

DreamScape's Limited and Exclusive Warranty is not assignable or transferable and extends only to purchasers who are the owners of products at the time of installation.

This warranty does not cover and expressly excludes any damage, loss, cost, defect or deficiency arising out of or relating to: (a) accident, abuse, misuse or vandalism; (b) mold or mildew; (c) use of incompatible materials, accessories or supplies; (d) abnormal conditions of use, including use on walls subject to moisture infiltration or accumulation; (e) improper storage, handling, installation, or maintenance; (f) design, installation or construction defects and/or deficiencies of any kind or nature; (g) fire, flood or other acts, omissions, causes or events beyond DreamScape's control; (h) wallcovering that has been altered by anyone other than DreamScape; or (i) any other loss, cost, damage, defect or deficiency not within the scope of this limited and exclusive warranty.

THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY DreamScape WITH RESPECT TO THESE PRODUCTS. ALL OTHER REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, ARE EXPRESSLY DISCLAIMED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTIES CLAIMED TO ARISE FROM TRADE USAGE, CUSTOM OR COURSE OF DEALING. DreamScape shall supply replacement products free of charge if DreamScape determines upon inspection that any products fail to conform to this warranty. The foregoing constitutes the **SOLE AND EXCLUSIVE REMEDY** for breach of this warranty.

IN NO EVENT WILL DreamScape BE LIABLE FOR INDIRECT, CONSEQUENTIAL, SPECIAL OR EXEMPLARY DAMAGES, WHETHER BASED IN CONTRACT, TORT, WARRANTY, STRICT LIABILITY OR OTHERWISE. THIS LIMITED AND EXCLUSIVE WARRANTY SHALL SUPERSEDE AND CONTROL ANY OTHER REPRESENTATIONS AND/OR WARRANTIES WITH RESPECT TO THIS PRODUCT. IN NO EVENT SHALL DreamScape's LIABILITY EXCEED THE PURCHASE PRICE AND/OR INVOICED VALUE OF THE GOODS.

All claims under DreamScape's Limited and Exclusive Warranty must be submitted, in writing, to: DreamScape c/o Roysons Corporation, 40 Vanderhoof Avenue, Rockaway, New Jersey 07866, Attention: Director of Wallcovering, within thirty (30) days after Buyer discovers and/or should have discovered the alleged defects. DreamScape shall then be provided a reasonable opportunity to examine the allegedly nonconforming products and verify any such defect before its use or further processing. **FAILURE OF BUYER TO COMPLY WITH THESE NOTICE PROVISIONS SHALL CONSTITUTE A WAIVER BY BUYER OF ALL CLAIMS IN RESPECT THERETO.**

CARE AND MAINTENANCE OF WALLCOVERING

General Conditions Day -to- Day Soil

Ordinary dirt and smudges can be removed with a mild soap and warm water. Clean from bottom of wall upward. Rinse thoroughly with clean water from the top down using a sponge. Dry wallcovering with a soft lint free cloth or towel.

Not recommended for cleaning are steel wool or powdered abrasive because they mark the surface leaving an unsightly appearance. DO NOT use active solvent type cleaning preparations, such as nail polish remover, etc...because they remove print, and/or finish from the wallcovering.

Care should be taken that water dripping down the wall does not run behind the floor molding. The molding can be discolored and/or permanently damaged. All stains should be attempted to be removed with soap and water first. Isopropyl alcohol may set some stains that soap and water may remove.

DreamGuard Protex 3

For added protection against scratch and abrasion, we recommend applying **DreamGuard Protex 3**. DreamGuard Protex 3 is a water based, non-hazardous liquid topcoat specially formulated to protect against surface scratches and abrasion. DreamGuard is easily applied with a common 1/4" nap paint roller and dries to a clear finish. DreamGuard Protex 3 is available in two finishes-satin and matte.