
EVERGREENE *WALLCOVERING TECHNICAL GUIDE

*“Wallcovering” refers to any paper or canvas material produced by EverGreene.

Paper Wallcovering Physical Characteristics:

Thickness 11 mil
ASTM 793 Commercial Wallcovering
Fire Rating ASTM E84, Class A
Weight 280 g/m²

Canvas Wallcovering Physical Characteristics:

Thickness 17 mil
Basis Weight 340 g/m²

Shelf Life

2 years from ship date

Delivery

The Title of Goods transfers upon delivery to the client or client's representative. It is the client's responsibility to choose a suitable location and ensure that a qualified receiver is present to accept and approve the condition of all EverGreene wallcovering, and to ensure that a qualified paperhanger carries out the installation.

Handling

- Do not drop boxes.
- Do not crease paper, or use metal-edged tools to install.
- Do not use tape on the imaged side.
- Wipe off all excess glue with a clean, damp sponge.
- Use a fresh blade to cut wallcovering material or you may create visible white, jagged edges at joins.
- Book each piece of pasted wallcovering material for 10 minutes before installing. EverGreene wallcovering is dimensionally stable but may shrink (and reveal seams) if not booked properly.
- Store all EverGreene wallcovering material within the temperature and humidity limits outlined below.

Storage Conditions: *Temperature and Humidity ranges are very important for storage.*

Temperature Range:

Min. 50° F (10° C)

Max 85° F (30° C)

Relative Humidity Range:

Min. 30% humidity

Max. 65% humidity

Wall Preparation:

Walls should be prepped to a smooth, clean, dust free, and dry surface prior to installation. Primer-sealer is recommended, especially on unpainted drywall, followed by a professional Wallpaper Primer. Wallcovering will not hide wall flaws in the wall surface.

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.

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.

EverGreene wallcovering 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. In humid environments, walls should also be treated with bleach, Lysol and/or other approved mildew-inhibiting products in order to inhibit further mildew growth. EverGreene 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.

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.

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.

Installation:

EverGreene wallcovering may require trimming prior to installation. Re-trim the edges of any wallcovering that may have been damaged in transit. Use a very sharp blade to trim, and handle the trimmed edge carefully in order to minimize fraying. EverGreene is not responsible for wallcovering damage in transit.

EverGreene recommends that you use a suitable wallcovering adhesive for your product, temperature and humidity of the location. Follow standard installation instructions per your adhesive/sealant manufacturer. Contact a professional paperhanger for recommendations. In general, choose an adhesive product that ensures a generous open time and a good “slip”, and avoid cellulose-based or powdered adhesives.

Do not use tape on the imaged surface. Align the top and adjoining edges. Smooth the wallcovering into place using a professional paperhangers smoother/spreader, starting at the center of the panel working toward the edges. Push out any air pockets using the smoother/spreader. Use only soft plastic or rubber spreaders (not metal-edged), and/or a professional paperhangers brush. Keep all tools completely clean and dry, and rinse sponges after every use. Paste that has spilled onto the surface of the wallcovering must be removed immediately using a clean damp decorator’s sponge.

Some EverGreene wallcovering such as murals require the use of a Panel Map for installation, outlining the correct orientation and position of each numbered panel of the mural. EverGreene recommends that qualified installers plan the full layout prior to commencing installation. If your EverGreene wallcovering requires a Panel Map, it is included with the delivery. If you did not receive a Panel Map, do not proceed with the installation and contact EverGreene immediately at the phone number below. We will be glad to assist you.

Paste Information:

Use clear adhesives such as: *Professional Ultra Premium Heavy Duty Clear Strippable (PRO-880)*, *Golden Harvest GH-34 Clear Strippable*, and *Allpro Pro-Duty 3400*. Clay adhesives have also shown to be effective (*PRO-732, PRO-774, Golden Harvest GH-40, Allpro Extra Strength Vinyl 600 & 661*). For more permanent wallcoverings, use *Professional heavy Duty Clear PRO-838*. Apply a coat of the desired adhesive using a 1/2” nap paint roller and book for 10 minutes prior to hanging.

EverGreene does not recommend *Roman PRO-838 Heavy Duty Clear Wallcovering Adhesive* for wallcovering that contains metallic-painted or metal-leafed areas on its imaged side, due to its alkalinity. Alkaline adhesive can promote metal tarnishing of the metal leaf used in the wallpaper. Use *Pro 880 Ultra Clear Strippable* for all metallic and metal-leaf wallcovering, and *Roman Pro 838 Heavy Duty Clear Wallcovering Adhesive* for all other EverGreene wallcovering. Please visit www.romandecoratingproducts.com for manufacturer’s guidelines.

Care & Maintenance:

Moisture and/or direct sunlight may affect your wallcovering over time. Always ensure that EverGreene wallcovering is protected from sources of moisture, and extremes of temperature and humidity. Do not attempt to clean wallcovering with any commercial product, and always be mindful when cleaning adjacent surfaces not to allow commercial cleaning products to come in contact with the wallcovering. You may try using a clean damp sponge to remove dirt, but always carefully test in a small hidden area to ensure viability before commencing any widespread cleaning.

FIRE TEST RESULTS

	Test Substrate	Flame Spread	Smoke Dev.	Flame (feet)	Distance (seconds)	Classification (A, B, C)
Paper Wallcovering	Rods & Wire	5	5.2	1	0:25	A
Paper Wallcovering	5/8” Gypsum	20	20	4	0:36	A
Paper Wallcovering	5/8” Gypsum / Liq Lam	45	10	9.6	1:03	B
Canvas Wallcovering	Rods & Wire	5	15	3	0:41	A

Flame Spread

The flame spread index of the material is derived by plotting the progression of the flame front on a time distant scale, ignoring any flame front recession and using one of the calculation methods described below. A. Flame Spread Index = $0.515 A_t$ when A_t is less than or equal to 97.5 minute foot. B. Flame Spread Index = $4900/(195-A_t)$ when A_t is greater than 97.5 minute foot. Where A_t = total area under the time distance curve expressed in minute foot. Class A is the desired rating. Class A material can be used in any room of a building, ship or airplanes. Class B and C can be used in all areas except hallways that lead to exits. Check local fire codes. Class A Flame Spread 0 – 25 Class B Flame Spread 26 – 75 Class C Flame Spread 76 – 100

Smoke Development

The smoke development during the test is indicated by the output of a photoelectric circuit operating across the furnace flue pipe. A curve is developed by plotting values of light absorption (decrease in cell output) against time. The calculated value for smoke development index is derived by expressing the net area under the curve for this material as the percentage of the area under the curve for untreated red oak. The smoke development index is expressed as: Smoke development index = $(A_m - A_{ro}) \times 100$ Where: A_m = The area under the curve for the test material A_{ro} = The area under the curve for untreated red oak

Flame Distance

The maximum distance the flame spreads along the length of the sample from the end of the igniting flame is determined by observation.

DISCLAIMER

BUYER'S DUTY TO INSPECT. Buyer must immediately inspect all material for shortages, conformity with order and defects. If goods appear not to conform to the contract between Buyer and Seller, Buyer shall discontinue their use and immediately notify Seller of such condition and afford Seller a reasonable opportunity to inspect the same. Claims for shortage or deductions for erroneous charges must be presented within fifteen (15) days after receipt of the goods or they are waived. No material will be taken back and credited or replaced unless arrangements for return have been made with Seller. Seller may, at its option, replace those products proven defective or allow credit for an amount not exceeding the sum of the original purchase price thereof. Products must be handled, stored, and installed according to guidelines outlined in *Wallcovering Installation Bulletin*. Failure to follow these guidelines may result in material failure. Any problem arising from Buyer's failure to follow these guidelines is not the responsibility of the Seller.

DISCLAIMER OF WARRANTIES. Seller warrants only that the goods are as described herein, but no other express warranty is made. If any model or sample was shown to Buyer, such model or sample was used merely to illustrate the general type and quality of goods and not to represent that the goods would necessarily conform to the sample or model. The goods sold under this agreement are purchased by Buyer "as is" and "with all faults" and Seller makes no warranty of merchantability or fitness for any particular purpose. Seller is not responsible for existing, concealed conditions that may be revealed during installation and affect the look and/or longevity of the final product. Seller is not responsible for any damages direct or indirect that may arise in any manner whatsoever from the use of this or other product offered by our company, regardless of how such damage is caused.

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