

An eco-friendly, paintable wallcovering



## 1. Product Name

Novelio® Paintable Glass Textile Wall Covering

## 2. Manufacturer

Saint-Gobain Technical Fabrics  
1795 Baseline Road  
Grand Island, NY 14072  
Ph: (800) 762-6694  
Fax: (716) 775-3902  
Web: [www.novelio.com](http://www.novelio.com)

## Distributor

Roos International, Ltd.  
1020 NW 6th Street, Suite H  
Deerfield Beach, FL 33442  
Ph: (800) 888-2776  
Fax: (954) 429-8208  
Web: [www.roosintl.com](http://www.roosintl.com)

## 3. Product Description

The Novelio Paintable Glass Textile Wall Covering evolved from Saint-Gobain's more than 60 years of experience in producing glass fiber wall covering in the European markets. This extremely flexible wall covering is available in numerous patterns and designs and in three basic formulations - Standard (durable, general purpose), Mold-X (anti-microbial) and air purifying Clean Air.

## ADVANTAGES

- **Ultra Durable and Long Lasting** - Novelio Paintable wall covering is designed to take the abuse in high traffic areas. It smoothes over existing cracks and reinforces vulnerable wall surfaces.
- **Eco Friendly** - Made of all natural non-toxic materials, meets or exceeds the international Oeko-Tex Standard 100 Class 1 standards, can contribute toward LEED credits.
- **Ultra Hygienic** - Breathable, resistant to mold and mildew, does not support growth of microorganisms.
- **Fire Proof** - Fire resistant, made of glass textile.
- **Easy to Install** - Butt join application, easy to apply, dimensionally stable and will never pull out of shape during installation.
- **Easy to Maintain** - Easy to paint and touch up, the final paint finish can be cleaned according to paint manufacturer's instructions.
- **Sustainable** - Repaint instead of replace.
- **Contributes towards LEED® Credits** - Third-party evaluation available upon request.

## MOLD-X

The Novelio Mold-X line of Paintable Glass Textile Wall Covering is specially formulated with a biocidal agent to prevent the formation and growth of mold and mildew.

Perfect application for:

- Schools
- Commercial kitchens
- Bathrooms
- Elder care facilities
- Hospitals
- Hospitality
- Labs
- Research facilities
- Commercial offices
- Anywhere mold and mildew growth can pose a health threat

**NOVELIO®**  
Paintable Wall Covering

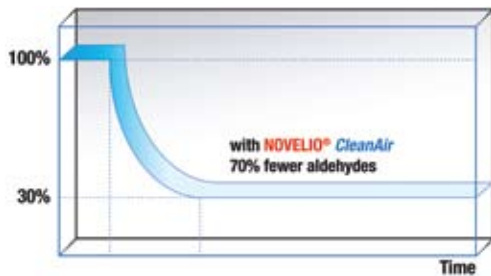
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### CLEAN AIR

The revolutionary addition to the Novelio line of Paintable Glass Textile Wall Coverings contains an agent that serves as an aldehyde scavenger, chemically trapping and eliminating formaldehyde, acetaldehyde and other similar compounds.

Clean Air was extensively tested in accordance with ISO 16000-9-06 standards and has conclusively created a cleaner and healthier indoor air environment when compared with an identical scenario using a conventional wall covering.



## 4. Technical Data

### APPLICABLE STANDARDS

- **ASTM D578-05** - Standard Specifications for Glass Fiber Strands
- **ASTM D3272-05** - Standard Test Method for Resistance to Growth of Mold on Interior Surface Coatings in an Environmental Chamber (Mold-X)
- **ASTM E84-09c** - Standard Test Method for Surface Burning Characteristics of Building Materials
- **ISO 16000-9-06** - Determination of the Emission of Volatile Organic Compounds from Building Products and Furnishing -- Emission Test Chamber Method (Clean Air)
- **NFPA 255** - Standard Method of Test of Surface Burning Characteristics of Building Materials
- **Oeko-Tex Standard 100** - Confidence in Textiles, Section 108 for Textile Wall Coverings
- **EN 13501-1** - Euroclass Fire Resistance Standards

### PHYSICAL / CHEMICAL PROPERTIES

- **Fiber Type** - Coated Fiberglass, non-woven, (E-glass)
- **Filament Designation** - M-type (per ASTM D578)

- **Coating** - EVA Polymer and Starch
- **Dimensions:**
  - **Roll Width** - 39.4 inches (100 cm)
  - **Roll Length** - 164.04 feet (50 meters)  
**Weight** - 22.03 pounds per roll (approx.)
  - **Roll Length** - 98.42 feet (30 meters)  
**Weight** - 13.22 pounds per roll (approx.)

### ENVIRONMENTAL CONDITIONS

All Novelio Paintable Glass Textile Wall Coverings conforms to the internationally accepted Oeko-Tex Standard 100 Class 1 Certification. This rating certifies the absence of heavy metals, carcinogenic dyes, formaldehyde, pesticides and other substances harmful to both health and the environment.

Additionally, Novelio Mold-X is fortified with additional properties specifically resistant to mold growth. Likewise, Novelio Clean Air is formulated to remove harmful aldehydes and other harmful substances from the air and render them inert.

All three versions of Novelio can substantially contribute to the Interior Environmental Quality (IEQ) of the room or interior area where the wall covering has been installed. Contact Roos International for more specific information on how Novelio can help earn points in projects registered under the U.S. Green Building Council's LEED Program or in a similar sustainability initiative.

## 5. Installation

### PREPARATORY WORK

Deliver product to jobsite in manufacturer's original, undamaged containers with identification labels intact. Verify that site conditions conform to all applicable safety standards and that surfaces are clean, smooth stable and acceptable for finishing. New surfaces should be lightly sanded to promote thorough adhesion. Apply a pre-wallcovering primer. Use a heavy duty clear adhesive (preferable low VOC or VOC-free). Ecofix VOC-free powder adhesive is recommended.

### APPLICATION (Dry Hang Method)

- Pre-cut fabric to required lengths with an extra 4 inches to allow for variances. For pattern matching, allow for extra fabric as needed.
- Beginning in a top corner, apply adhesive to the wall surface in accordance with manufacturer's instructions. Pasting machine may be used only on patterns that are not linen weave or open weave.

- Apply the fabric to the wall and press firmly using a plastic smoothing tool. Measure to verify that the first length is hanging vertically.
- Butt the second panel against the first. The Novelio fabric has trimmed edges to facilitate hanging edge to edge. Press firmly onto the surface with plastic smoothing tool to remove air bubbles. Panels can be repositioned as necessary. **DO NOT USE A SEAM ROLLER.**
- Pleat the fabric in the corners prior to cutting. Trim fabric evenly on top and bottom as necessary.
- Allow fabric to dry thoroughly before painting. Select an appropriate acrylic paint (preferably low VOC or VOC-free) and apply with a roller.

## 6. Availability

Novelio Paintable Glass Textile Wall Covering is available exclusively in North America from Roos International, Ltd. For more information, call 800-888-2776 or 954-429-3883; or visit their website: [www.roosintl.com](http://www.roosintl.com).

## 7. Warranty

A Limited Warranty is offered against defects in materials and workmanship and is limited only to the replacement of materials. Warranty is effective only when product is applied in accordance with manufacturer's published installation instructions. Contact Saint-Gobain for more specific information.

## 8. Maintenance

Maintenance is fast and easy, typically utilizing a mild water-based cleaner and a soft damp cloth. Check paint manufacturer's maintenance recommendations for more specific details.

## 9. Technical Services

Technical assistance on product performance and related issues is available from Roos International, Ltd. Call 800-888-2776 or 954-429-3883.

## 10. Filing Systems

Additional product information and pattern samples for the Novelio Paintable Glass Textile Wall Coverings, as well as CSI formatted 3-part specifications are available from Roos International, Ltd.