

# Novawall®

The Standard for Fabric Walls and Ceiling Systems

## 1. Product Name

■ Novawall EcoTRACK® Systems

## 2. Manufacturer

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## 3. Product Description

### Basic Use

An EcoTRACK system is a site-fabricated stretch fabric system used for acoustical, tackable and aesthetic architectural applications. Typical venues include commercial office spaces, auditoriums, critical listening spaces, as well as educational, hospitality and healthcare interiors. The panels can be installed on both ceilings and walls.

The EcoTRACK System is a PVC-free Polymer extrusion

There are three components in the EcoTRACK system:

- Extruded PVC-free Polymer track
- Core material
- Fabric finish

The EcoTRACK track comes in standard black 1" Weltless edge, 1" Concealed edge and 1" Square Midwall. with core materials specified for the application calls for and the fabric can be any commercial grade panel fabric.

**Note:** Novawall systems can be engineered to offer an NRC from 0.10 to 1.0, depending on the core material specified.

### Option/Accessory

#### Novaspan®

Novawall offers one proprietary fabric, Novaspan. Novaspan is a wide span fabric and is used for ceilings and digital printing where seams are to be kept to a minimum.

Novaspan is stocked in white in a 10 foot width (304.8 mm) and a 16 feet (487.7 mm) width. Custom colors are available, minimums apply.

### Fasteners

An EcoTRACK system does not use glues, adhesives or sealants. The EcoTRACK is attached to the substrate (typically gypsum board) with mechanical fasteners. The core material is then attached with mechanical fasteners and then the fabric is stretched and held in the track by tension. Fabrics can be changed at any time for easy maintenance.

Contact Novawall's technical staff for additional details.

### Composition and Materials

Novawall track is made from long-lasting, low VOC, rigid PPO. There are no softening agents added to the compounds during the extrusion process. The extrusions/tracks are 100% recyclable.

The core material is either 6 pcf (96 kg/m<sup>3</sup>) fiberglass or 24 pcf (384 kg/m<sup>3</sup>) tackable mineral board. For fiberglass cores, Novawall suggests using a formaldehyde-free version. Other cores can be sourced based on the space application being treated, and almost all available options have sustainable attributes.

### Dimensions

All extrusions are 9 feet (2.7 m) in length. Depending on the extrusion, the height is 1 inches (25 mm).

### Models

See Table 1.

### Benefits

- Installation flexibility—finish dimensions are not required to begin an installation
- Design flexibility—the track can follow concave and convex surfaces
- Site fabricated—allows for a custom fit and finish

- Easy maintenance—damaged or soiled fabric can be changed without disturbing the system
- Décor—easily updated
- Controlled distribution—ensures quality installations
- Fabric—wide range of fabrics
- Exact pattern matching—the midwall is front loaded
- Codes—strict adherence to fire codes
- Options—acoustical, tackable or aesthetic
- Installers—factory trained

4. Technical Data

Applicable Standards

American Society for Testing and Materials (ASTM)

- ASTM C423—Standard Test method for Sound Absorption & and Sound Absorptions Coefficients by the Reverberation Room Method
- ASTM E-84—Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM 2573-12—Standard Practice for Specimen Preparation and Mounting of Site-Fabricated Stretch Systems to Assess Surface Burning Characteristics

Sound Performance

All EcoTRACK systems are tested in accordance with ASTM C423. Noise Reduction Coefficient (NRC) will be 1.0 for thicknesses over 2 inches (51 mm).

Fire Performance

All EcoTRACK systems are tested in accordance with ASTM E-84 and are tested with the ASTM 2573-12 mounting method.

Material Safety Data Sheets

MSDS documents are available online and upon request from the manufacturer.

Environmental Considerations - LEEDv4.1

A Novawall EcoTRACK system may have sustainable attributes, when using EcoTRACK and a Formaldehyde-Free, like Knauf. EcoTRACK has an HPD, a DECLARE Label and has been VOC tested for Schools and Classrooms. Novawall has a responsible return program for recycling EcoTRACK. It is important to remember that an EcoTRACK system in its fabricated state does not need an energy source to function, the



Dye Sublimation Printed Novaspan

systems work under the principals of physics. The Knauf fiberglass and tackable cores have pre-consumer and post-consumer recycled content, as well as GREENGUARD® certified. It is Formaldehyde-Free. Panel fabrics typically have either pre-consumer and or post-consumer recycled content to a varying degree. They can also have rapidly-renewable content. Fabrics are also third-party certified.

5. Installation

Novawall EcoTRACK systems are site-fabricated only installed by installers trained and certified by Novawall Systems, Inc.

Preparatory

Material Storage

All materials should be delivered in original, unopened cartons and stored in an enclosed area providing protection from damage and exposure to the elements.

Table 1—EcoTRACK Model Table			
Model	Width	Profile Name	Color
9021	1" (25 mm)	Square Midwall	Black
9022/9025	1" (25 mm)	Weltless and Concealed Edge	Black





### Site Conditions

All wet work needs to be completed and dry. The building should be closed and the HVAC systems should be running so the space is at a constant ambient temperature.

### Methods

1. The extrusions, core and fabric are taken to the job site.
2. The extrusions are attached to the substrate, typically gypsum board, on the wall or ceiling with mechanical fasteners in accordance with the design set forth by the architect or designer.
3. The core material is attached with mechanical fasteners to the substrate.
4. The fabric is tucked in the extrusion and held by tension.

### Precautions

Novawall has certified factory-trained installers to ensure quality. Only these installers are allowed to work with Novawall products.



## 6. Availability and Cost

### Availability

Please contact a local Novawall distributor for information on product availability.

### Cost

As EcoTRACK is a site-fabricated system with varying components, costs are dependent upon the track intensity (design intricacy) and the fabric chosen. Fabric is a very large factor in pricing. To get pricing on a project, please contact a Novawall distributor.

## 7. Warranty

This warranty is extended to the authorized Novawall distributor/installer as long as certain conditions are met; theEcoTRACK installation is done by certified Novawall installers. Novawall Systems, Inc. does not issue product warranties or warranty installations directly to the contractor or end user. The Novawall distributor/installer will issue the installation warranty for a given project.

- All EcoTRACK: five-year warranty
- All other material: one year from date of purchase

## 8. Maintenance

Cleaning instructions can vary due to the fiber content in a specified fabric. Most panel fabric can be vacuumed; spots can be cleaned with a chemical sponge. For more information on maintenance please contact a local Novawall distributor/installer.

9. Technical Services

All Novawall distributors/installers are trained in installation, estimating and design assistance. Please contact a local Novawall distributor/installer for more information.

10. Filing Systems

- CMD
- ManuSpec®
- Additional product information is available from the manufacturer upon request ↪

