

Novawall®

The Standard for Fabric Walls and Ceiling Systems

1. Product Name

■ Novawall Wall and Ceiling Systems

2. Manufacturer

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3. Product Description

Basic Use

A Novawall 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.

There are three components in the Novawall system:

- Extruded plastic track
- Core material
- Fabric finish

The Novawall track comes in many profiles, the core materials can be whatever the application calls for and the fabric can be any panel fabric.

Note: Novawall systems can be engineered to offer an NRC from 0.10 to 1.0, depending on the thickness of the system and 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 feet width (304.8 mm) and a 16 feet (487.7) width. Custom colors are available, minimums apply.



Fasteners

A Novawall system does not use glues, adhesives or sealants. The Novawall track 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 PVC. There are no softening agents added to the compounds during the extrusion process. The extrusions/tracks have a very long life span (some installations have been in place for 20 years) and they are 100% recyclable.

Dimensions

All extrusions are 9 feet (2.7 m) in length. Depending on the extrusion, the heights are 1/2, 3/4, 7/8, 1 and 2 inches (12.7, 19, 22, 25 and 50 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



Screenprinted Novaspan

Table 1—Novawall Model Table

Model	Width	Profile Name	Colors*
0510	½" (13 mm)	Universal Square Edge	(B), (N)
0511	½" (13 mm)	Universal Square Midwall	(N)
0512	½" (13 mm)	Weltless Edge	(B), (C), (N), (SG)
0515	½" (13 mm)	Concealed Edge	(B), (C)
0590	½" (13 mm)	Outside Corner	(N)
0711	¾" (19 mm)	Square Midwall	(N)
0712	¾" (19 mm)	Weltless Edge	(B), (N)
1030	⅞" (22 mm)	Bevel Edge	(N)
1031	⅞" (22 mm)	Bevel Midwall	(N)
1020	1" (25 mm)	Square Edge	(B), (C), (N)
1021	1" (25 mm)	Square Midwall	(N)
1022	1" (25 mm)	Weltless Edge	(B), (C), (N)
1025	1" (25 mm)	Concealed Edge	(B), (N)
1050	1" (25 mm)	¼" (6 mm) Reveal Midwall	(N)
1051	1" (25 mm)	¼" (6 mm) Reveal Midwall Insert	(B), (C)
1055	1" (25 mm)	¼" (6 mm) Reveal Edge	(N)
1056	1" (25 mm)	¼" (6 mm) Reveal Insert	(B), (C)
1060	1" (25 mm)	½" (25 mm) Reveal Midwall	(N)
1061	1" (25 mm)	½" (25 mm) Reveal Midwall Insert	(B), (C)
1065	1" (25 mm)	¼" (6 mm) Reveal Edge	(N)
1066	1" (25 mm)	¼" (6 mm) Reveal Insert	(B), (C)
1092	1" (25 mm)	Outside Corner	(N)
2021	2" (50 mm)	Square Midwall	(N)
2022	2" (50 mm)	Weltless/Concealed Edge	(B), (C)

* Black (B), Natural (N), Coconut (C), Soft Gray (SG)

- 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 423—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 Novawall Systems are tested in accordance with ASTM 423. Noise Reduction Coefficient (NRC) will be 1.0 for thicknesses over 2 inches (51 mm).

Fire Performance

All Novawall 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

Novawall Systems, Inc. is partnered with EcoScorecard and will help calculate possible LEED contributions, including how to assemble a Novawall System to earn more weight in a specific credit category.

A Novawall system can have sustainable attributes, depending the components chosen for the system and its application. It is important to remember that a Novawall system in its fabricated state does not need an energy source to function, the systems work under the principals of physics. Also, some core materials assist with keeping spaces warm/cool therefore using less energy to maintain comfort.

The fiberglass and tackable cores can be pre-consumer and post-consumer recycled content, as well as GREENGUARD® certified.

Novawall Systems, Inc.



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 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.

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 Novawall 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; the Novawall 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 plastic extrusions: lifetime of the installation
- 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

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

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