Next Gen Guideline Specifications: North America Acoustic Fabric Panels

NOVAWALL®



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Overview

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Novawall Acoustic Fabric Panels are a site fabricated solution for sound attenuation in common areas and for privacy requirements in client conference rooms and private offices. Custom is standard for Novawall, whether installing on walls or ceilings. Novawall can accommodate curved walls and a wide array of geometries. Design options are limitless with Novawall.

Novawall works with the widest variety of textiles intended for acoustics. Our Limited Lifetime Warranty on our extrusions, ensure your project stays intact for the "useable life" of the installation. Once installed, Novawall is completely serviceable in place. Future updates to freshen a look can be as simple as changing the fabric.



Novawall is the best way to reduce interior noise and harsh sound reflections created by adjacent hard surface finishes.

- · Novawall is site fabricated to meet short construction schedules.
- Novawall can be installed in either new or existing offices, and as part of post construction acoustical fixes.
- Novawall is completely serviceable in place. Damaged fabric can be removed and replaced without significant impact to the workplace.
- Extensive design options, custom and complex geometries, digital printing, corporate branding, curved walls and Novawall can install the widest variety of acoustical panel textiles.
- Novawall panel sizes are limited only by the fabric width.
- Strict adherence to code compliance for fire testing and available acoustical data.



NOVAWALL reserves the right to improve and change product information shown In this document. Please always check for latest revision.



Process

Novawall is a custom, site assembled acoustic product and the process begins with a request for quote from the GC to our respective **Certified Novawall Distributor** for the specific project location. Once the Novawall Certified Distributor has submitted a quote and received a notice to proceed, the next segment is submission of shop drawings and samples, placing any material reserves and purchase orders with "cuttings for approval" to conserve the entire fabric requirement.

Once shop drawings are approved, release of all material orders would occur and a start and completion installation schedule coordinated with the GC. The lead times for several materials combined with the size of scope and labor requirement should encourage the GC to be involved with and to release the Certified Novawall Distributor at the earliest possible opportunity,

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Lead Time

- Novawall Extrusions are stocked in Alexandria, VA and will ship within 3 days from date of order.
- Novawall Acoustic Treatment Knauf is commonly purchased locally with an
 established acoustic product distributor or may be purchased through a national
 acoustic product distributor. If production is required Knauf may be additionally 2
 4 weeks.
- NEXT GEN Fabric Selection WC-1 Carnegie Xorel Strie 6423 Color 818 –
 Novawall has secured a promise from Carnegie that 250 LY of the specified fabric
 will be held in NY side marked for Citi and 250 LY in Europe at the Mill. As the
 quantity is exhausted in NY it will stimulate 250 yards to ship from Europe to NY
 and production of another 250 yards will be prepared. Typical delivery from
 Europe is 7 10 days.
- CITIGOLD Fabric Selection WC-3 Maharam Sharkskin2 901650-039 Lyric Fabric in New York, depending on demand production could be 9 weeks, WC-3 scope is generally small.



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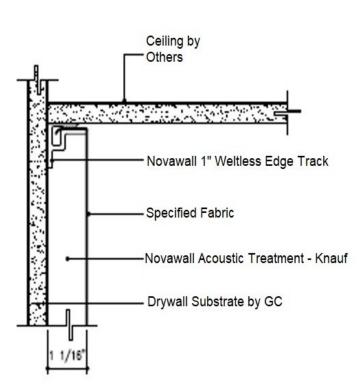


1.0 Acoustic Fabric Panels Components



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Novawall Architectural Details at Ceiling

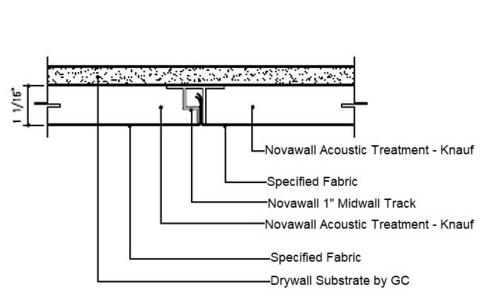






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Novawall Architectural Details at Panel Joint Conditions





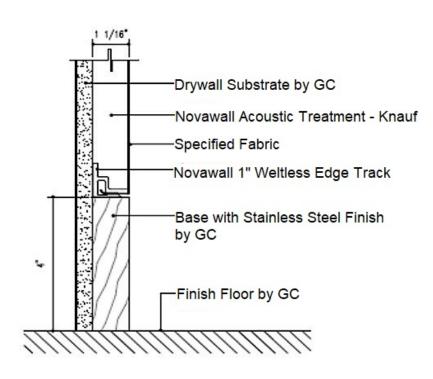
- Seams should be strategic to provide the largest possible panel width
- Panel seam locations should be considered in relation to furniture or other elements on the wall or surrounding area





Novawall Architectural Details at Base



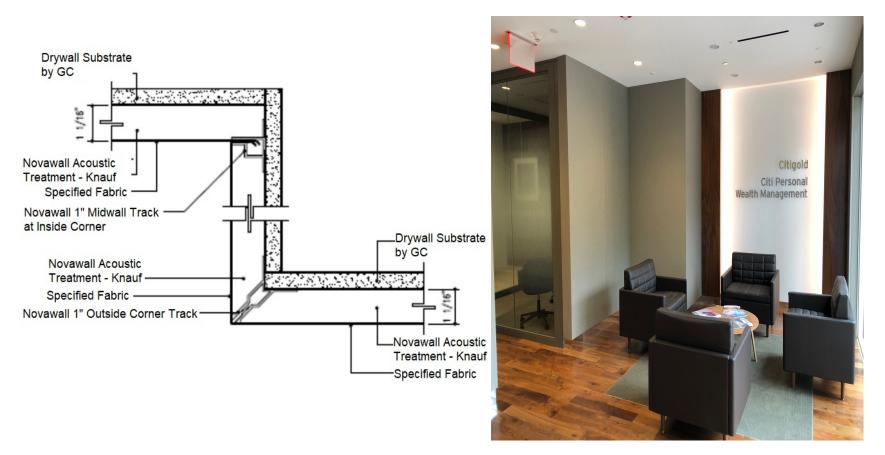






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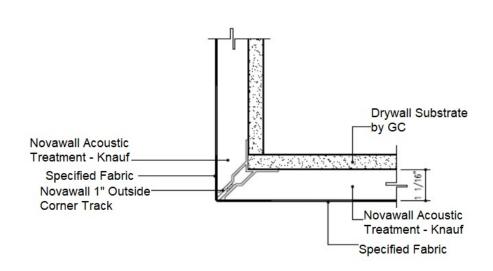
Novawall Architectural Details at Inside and Outside Corners





Novawall Architectural Details at Outside Corners



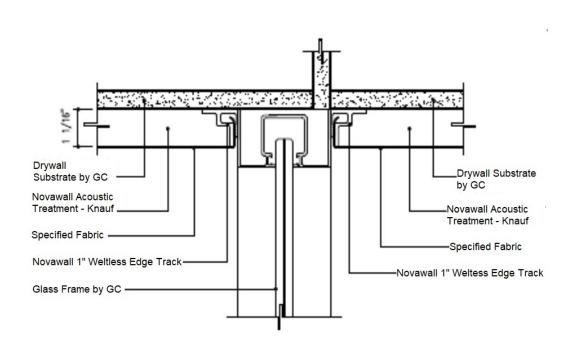








Novawall Architectural Details at Steelcase Glass Frame Abutment

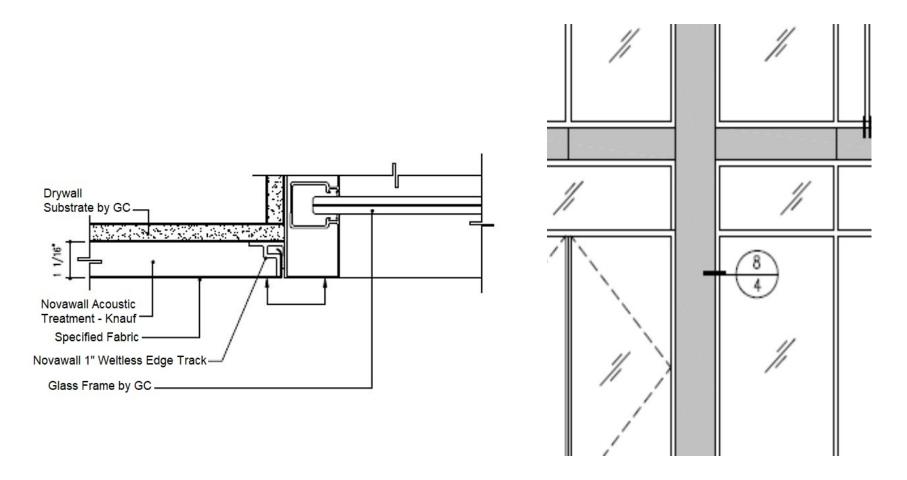








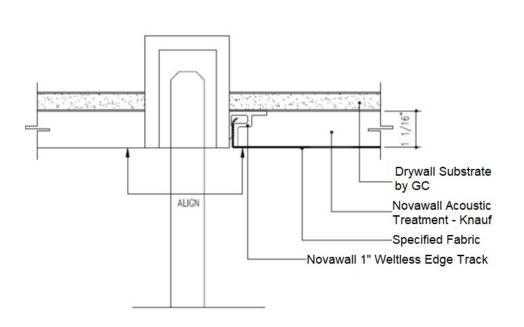
Novawall Architectural Details at Store Front Mullion Abutment

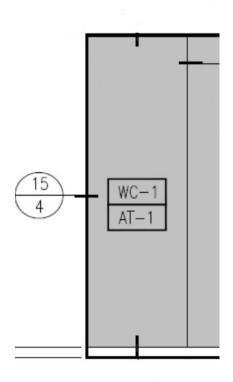




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Novawall Architectural Details at Roll Down Gate at ATM Vestibule



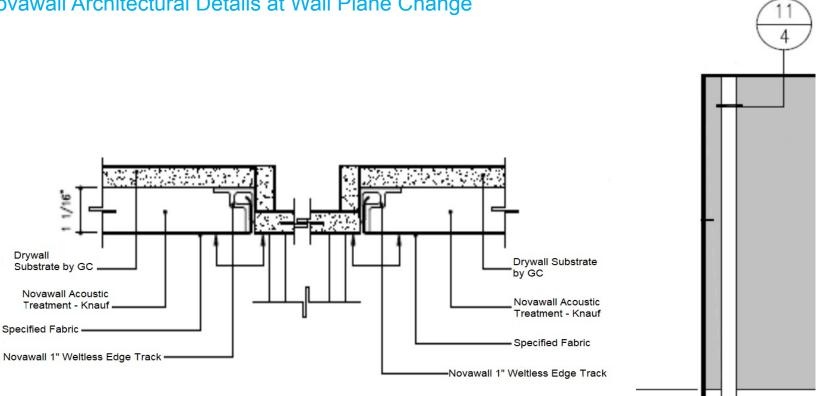




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Acoustic Fabric Panel Solutions

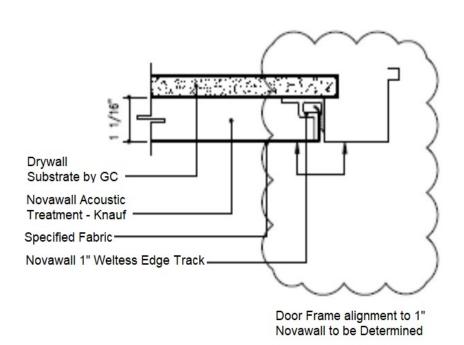
Novawall Architectural Details at Wall Plane Change

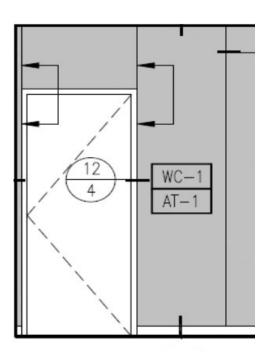




Novawall Architectural Details at Door Frames



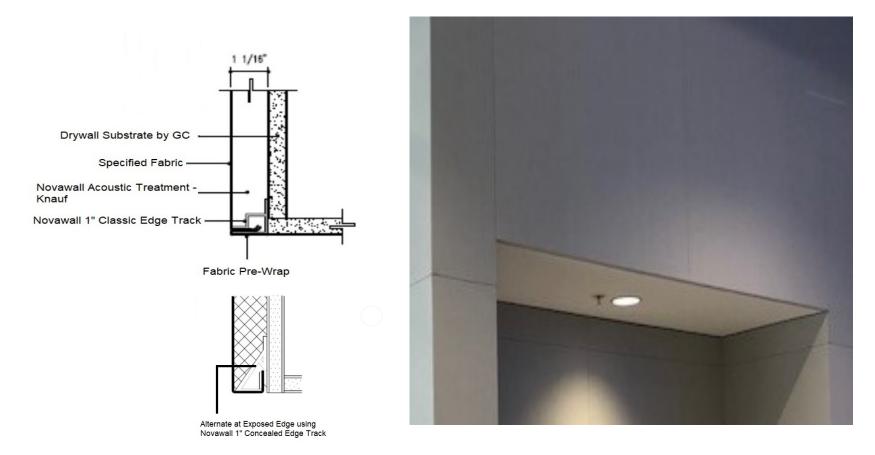








Novawall Architectural Details at Exposed Panel Termination





2.0 Acoustical Fiberglass





Acoustical Fiberglass Absorption Coefficients – Knauf ASB with Ecose Technology



	Absorption (423, Type A			B					
		Octave Band Center Frequency (cycles/sec.)							
Density		Thickness	125	250	500	1000	2000	4000	NRC
6.0 PCF	(96 kg/m³)	1'' (25 mm)	.05	.26	.77	1.04	1.04	1.03	.80
		1½'' (38 mm)	.13	.58	1.01	1.05	1.00	1.01	.90
		2" (51 mm)	.32	.81	1.08	1.06	1.03	1.04	1.00

True interior acoustical support begins with 1" Acoustical Fiberglass Board - 6lb density. Panel thickness should always be a minimum of 1" thick to maximize the sound absorption performance for any room.

A Knauf Acoustical Smooth Board with Ecose Technology is a standard used by most Novawall Distributors.

B The chart provides absorption coefficients of Knauf fiberglass. The NRC is the average of the absorption coefficients of 4 frequencies of 250, 500, 1000 and 2000. Refer to the acoustical test reports of the selected fabrics to understand the reasonable performance of the Novawall acoustical application.

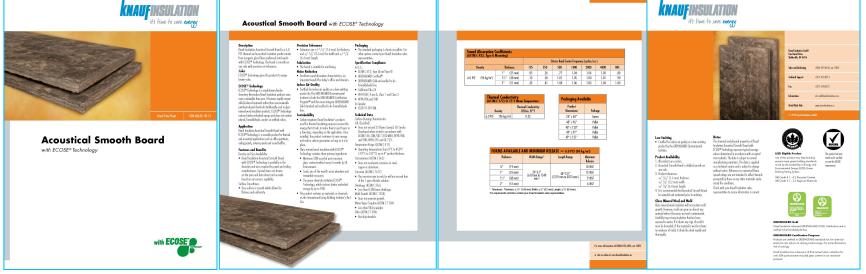


Acoustical Fiberglass Data





A Knauf Acoustical Smooth Board with Ecose Technology is a standard used by most Novawall Distributors. Knauf has the highest amount of certified post consumer recycled glass, it is Greenguard Certified Gold for Indoor Air Quality and Certified Formaldehyde Free. Made in the USA.





Acoustic Board Certifications

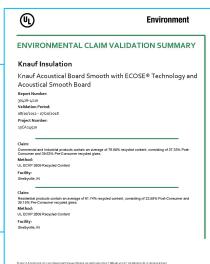




AKnauf Acoustical Smooth Board with Ecose Technology is a standard used by most Novawall Distributors. Knauf has the highest amount of certified post consumer recycled glass, it is Greenguard Certified Gold for Indoor Air Quality and Certified Formaldehyde Free. Made in the USA.









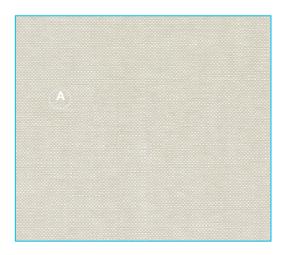


3.0 Fabric Selections



NEXT GEN Fabric Selection WC-1





A WC-1 Carnegie Xorel Strie 6423 Color 818

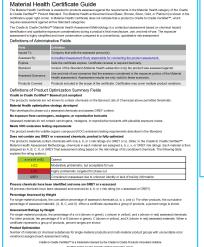
100% Xorel (85% Biobased PE, 15% PE) 56" Wide

Max Panel Width: 50" Max Panel Height: None Min Panel Thickness: 1"









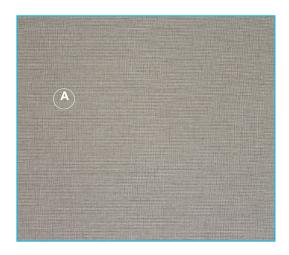






CITIGOLD Fabric Selection WC-3



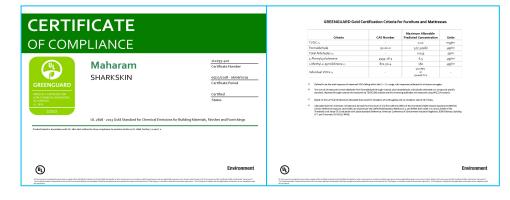


A WC-3 Maharam Sharkskin 2 901650-039 Lyric 89% Polyester, 11% Solution dyed Polyester

Max Panel Width: 50" Max Panel Height: None Min Panel Thickness: 1"

54" Wide







4.0 Warranty/Care & Maintenance



Novawall Warranty



NOVAWALL LIMITED LIFETIME WARRANTY*

- A. Novawall stretched fabric panel system installation shall be warrantied by the Authorized Novawall Distributor or Certified Installer for the period defined in the contract documents.
- B. Novawall provides a **Limited Lifetime Warranty*** to the Authorized Novawall Distributor or Certified Installer for the "Life" of the installation.

*Novawall will provide replacement Novawall extrusions that are deemed defective at no charge to the Authorized Novawall Distributor or Certified Installer during the "useable life" of an installation. Novawall does not warranty against damage by others, normal wear and tear, the project installation, fabric or core materials which may have certain other manufacturer warranties.

C. EcoTRACK extrusions have a Five (5) Year Warranty by Novawall to the Authorized Novawall Distributor or Certified Installer.

*Novawall will provide replacement Novawall **EcoTRACK** extrusions that are deemed defective at no charge to the Authorized Novawall Distributor or Certified Installer during the 5 Year Warranty period. Novawall does not warranty against damage by others, normal wear and tear, the project installation, fabric or core materials which may have certain other manufacturer warranties.

D. Novawall is only installed by our Certified Distributors and they can be found on our Partners Page for every location. Work performed on Novawall System installations by anyone other than our Certified Partners will void the warranty. Novawall is never sold outside our network of Certified Distributor Installers.



Novawall Care & Maintenance

General Information



Your Novawall system has been designed to minimize the cost of maintenance while preserving its pristine appearance.

Fabric Maintenance

Ease of maintenance is a principal benefit of the Novawall system. Gentle vacuum cleaning with a clean upholstery attachment is recommended should the fabric become soiled. Cleaning other than gentle brushing should not be attempted. Contact your Novawall Certified Installer for recommendations or to qualify the fabric manufacturer's specific cleaning instructions.

In the event the fabric is damaged beyond repair, the fabric can be easily removed and replaced by the Novawall Certified installer.

Should the Novawall system be struck with significant force, the fabric may become loose. The system has been designed to respond in a way to prevent permanent damage and to allow for the fabric to be re-stretched to its "as installed" condition. Contact your Novawall Certified Installer to restretch the fabric.

Dramatic changes in humidity may cause some fabrics to sag due to the moisture content of the air and some fiber content of the fabrics. This is a natural occurrence. Typically, the fabrics will retighten when the HVAC is turned on and the ambient air normalizes the level of humidity within the space. Re-stretching of the fabric can be performed by your Novawall Certified Installer, if required.

Behind Panel Access

Should work in your facility require access behind the Novawall installation, contact your Novawall Certified Installer for assistance in fabric removal and replacement.



5.0 Manufacturer Contact Information



Manufacturer Contact Information



Primary Contact

Bill Rankin
Vice President
Technical Sales
Product Development

703.461.0113 x117 work 832.623.3151 cell brankin@novawall.com

Secondary Contact

Bobby Wright Senior Vice President

703.461.0113 x116 work 202.971.1957 cell bwright@Novawall.com



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Jeff Rigby

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*Contact Novawall Sales for Distributors in other regions



