

SUBMITTAL COVERSHEET **Nanuet UFSD –Phase 3 Projects**

Architect:

KSQ Architects
215 W 40th Street, 15th Floor
New York, NY 10018

Owner:

Nanuet Union Free School District
101 Church Street
Nanuet, NY 10954

Construction Manager:

Jacobs
One Penn Plaza, 54th floor
New York, NY 10019

Contractor: Joe Lombardo Plumbing & Heating of Rockland Inc

Contract: Ron Lombardo

Address: 321 Spook Rock Road Suite 109A

845-357-6537

Telephone:

Suffern, New York 10901

Fax: 845-357-8529

School Name: Nanuet Union Free School District Phase 3 Bond Projects @ Barr Middle School & Nanuet High School

Type of Submittal:

Re-submittal: [] No [] Yes

[] Shop Drawings

[] Product Data

[] Schedule

[] Sample

[]

[] Test Report

[] Certificate

[] Color Sample

[] Warranty

[]

Submittal Description:

Product Name: ACOUSTICAL CIELING TILES

Manufacturer:

Subcontractor/

Supplier:

References:

Spec. Section No.: 095123

Drawing No(s):

Paragraph:

Rm. or Detail No(s):

Architect's/ Engineer's Review Stamp

KSQ Design

- ☐ No Exception Taken ☐ Revise & Resubmit
☒ Reviewed as Noted ☐ Rejected
☐ Submit Specified Item ☐ For Record Only

This review is only for general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Corrections or comments made on the shop drawings during this review do not relieve contractor from compliance with the requirements of the plans and specifications. Approval of a specific item shall not include approval of an assembly of which the item is a component. Contractor is responsible for: dimensions to be confirmed and correlated at the job-site; information that pertains to the fabrication processes or to the means, methods, techniques, sequences, and procedures of construction; coordination of the Work of all trades; and for performing all work in a safe and satisfactory manner.

D Kay

6/10/2024

Rem

By:

Date:

Contractor Review Statement:

These documents have been checked for accuracy and coordinated with job conditions and Contract requirements by this office and have been found to comply with the provisions of the Contract Documents.

Ronald J. Lombardo

6.4.24

Name:

Date:

Company Name:

Joe Lombardo Plumbing & Heating of Rockland Inc.

Provide 2x4 tiles per drawings, provide 0.95 NRC rating per specifications.

If not available provide previously approved USG Halcyon Acoustical 2x4 Panels with 0.95 NRC rating

Tri State Drywall & Acoustical

183 Jersey Ave.

Port Jervis, NY 12771

Ph : 845-856-8400

Submittal

Job:

NANUET HIGH SCHOOL

103 CHURCH STREET

NANUET, NY 10953

Spec Section No: 095123

Submittal No: 2

Revision No:

Sent Date: 3/22/2024

Spec Section Title: ACT GRID & tile

Submittal Title:

Contractor:

Tri State Drywall & Acoustical

Basement Computer Room

AND

CAFETERIA #126

Contractor's Stamp

Architect's Stamp

Engineer's Stamp

USG MARS™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER⁹



USG Mars™ High-NRC Acoustical Panels with ClimaPlus™ Performance, and USG Donn® Brand Centricitee™ DXT™ Acoustical Suspension System Lowell Justice Center in Lowell, MA, Architect: Finegold Alexander Architects, Photo: ©Anton Grassi

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PREMIUM COLORS



STANDARD COLOR



CUSTOM COLOR



FEATURES AND BENEFITS

- Balanced Acoustics. Wide range of options. Sound absorption NRC up to 0.90 and sound attenuation CAC up to 40 with 0.95 NRC coming soon.
- High light-reflective finish (LR-0.90 White products).
- Washable and scrubbable finish.⁶
- Impact and scratch resistant.⁶
- Coordinates visually with USG Halcyon™ Acoustical Panels for open- or closed-plan applications.
- Nondirectional, monolithic visual reduces installation time and waste.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- GREENGUARD Gold certified for low emitting performance.
- USG Mars™ High-NRC/High-CAC Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Offices
- Healthcare
- Classrooms and corridors
- Reception areas and lobbies
- Department stores and retail
- Restaurants and hospitality

SUBSTRATE

- Wet-formed mineral fiber

Fine-Textured Panel

USG MARS™ HIGH-NRC/HIGH-CAC

ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER³

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PRODUCT CERTIFIED
FOR LOW CHEMICAL
EMISSIONS
ULCOM/CG
UL 2818

30 YEAR LIMITED SYSTEM
WARRANTY
• No Visible Sag
• Mold/Mildew Protection



**USG MARS™
HIGH-NRC PANELS
95/30**
Plant-Based Binder
COMING SOON

Provide 2x4 tiles
per drawings, with
0.95 NRC per spec

**USG MARS™
HIGH-NRC PANELS
90/30**
Plant-Based Binder

**USG MARS™
HIGH-NRC PANELS
85/35**
Plant-Based Binder

Edge	Panel Size	Fire Rating	Item No.	UL Classified ⁵			Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content ¹	Panel Cost
				NRC	CAC Min.	LR ²						
SQ	2'x2'x1.3"	Class A	88280	0.95	30	0.90	White	A, B, C	Low		27%	\$\$\$
	2'x4'x1.3"	Class A	88281	0.95	30	0.90	White	A, B	Low		27%	\$\$\$
	30"x30"x1.3"	Class A	88282	0.95	30	0.90	White	A, B	Low		27%	\$\$\$
SL	2'x2'x1.3"	Class A	88285	0.95	30	0.90	White	I	Low		27%	\$\$\$
	2'x4'x1.3"	Class A	88286	0.95	30	0.90	White	I	Low		27%	\$\$\$
	30"x30"x1.3"	Class A	88287	0.95	30	0.90	White	I	Low		27%	\$\$\$
FL	2'x2'x1.3"	Class A	88290	0.95	30	0.90	White	J, K, L, M	Low		27%	\$\$\$
	2'x4'x1.3"	Class A	88291	0.95	30	0.90	White	J, K, L, M	Low		27%	\$\$\$
	30"x30"x1.3"	Class A	88292	0.95	30	0.90	White	J, K, L, M	Low		27%	\$\$\$
SQ	2'x2'x1"	Class A	88137	0.90	30	0.90	White, color ⁷	A,B,C	Low		67%	\$\$\$
	2'x4'x1"	Class A	89137	0.90	30	0.90	White	A,B	Low		67%	\$\$\$
	30"x30"x1"	Class A	80213	0.90	30	0.90	White	A,B	Low		67%	\$\$\$
	30"x60"x1"	Class A	89143	0.90	30	0.90	White	A,B	Low		67%	\$\$\$
SLT	2'x2'x1"	Class A	88138	0.90	30	0.90	White, color ⁷	D	Low		67%	\$\$\$
	2'x4'x1"	Class A	89138	0.90	30	0.90	White	D	Low		67%	\$\$\$
	30"x30"x1"	Class A	80239	0.90	30	0.90	White	D	Low		67%	\$\$\$
	30"x60"x1"	Class A	89144	0.90	30	0.90	White	D	Low		67%	\$\$\$
FLB	2'x2'x1"	Class A	88139	0.90	30	0.90	White, color ⁷	E,F,G,H	Low		67%	\$\$\$
	2'x4'x1"	Class A	89139	0.90	30	0.90	White	E,F,G,H	Low		67%	\$\$\$
	30"x30"x1"	Class A	80265	0.90	30	0.90	White	E,F,G,H	Low		67%	\$\$\$
	30"x60"x1"	Class A	89145	0.90	30	0.90	White	E,F,G,H	Low		67%	\$\$\$
SQ	2'x2'x7/8"	Class A	88134	0.85	35	0.90	White, color ⁷	A,B,C	Low		69%	\$\$\$
	2'x4'x7/8"	Class A	89134	0.85	35	0.90	White	A,B	Low		69%	\$\$\$
	30"x30"x7/8"	Class A	80113	0.85	35	0.90	White	A,B	Low		69%	\$\$\$
	30"x60"x7/8"	Class A	89140	0.85	35	0.90	White	A,B	Low		69%	\$\$\$

Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). 'Certificates of Compliance' for Low VOC Emissions are available on usg.com and at spot.ul.com.

ClimaPlus™ Warranty Performance³
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

USG MARS™ HIGH-NRC/HIGH-CAC

ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER³

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EMISSIONS
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UL 2818



USG MARS™ HIGH-NRC PANELS 85/35

Plant-Based Binder

USG MARS™ HIGH-NRC/ HIGH-CAC PANELS 80/40

Plant-Based Binder

USG MARS™ HIGH-NRC PANELS 80/35

Plant-Based Binder

Edge	Panel Size	Fire Rating	Item No.	UL Classified		LR ²	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content ¹	Panel Cost
				NRC	CAC Min.							
SLT	2'x2'x7/8"	Class A	88135	0.85	35	0.90	White, color ⁷	D	Low		69%	\$\$\$
	2'x4'x7/8"	Class A	89135	0.85	35	0.90	White	D	Low		69%	\$\$\$
	30"x30"x7/8"	Class A	80139	0.85	35	0.90	White	D	Low		69%	\$\$\$
	30"x60"x7/8"	Class A	89141	0.85	35	0.90	White	D	Low		69%	\$\$\$
FLB	2'x2'x7/8"	Class A	88136	0.85	35	0.90	White, color ⁷	E,F,G,H	Low		69%	\$\$\$
	2'x4'x7/8"	Class A	89136	0.85	35	0.90	White	E,F,G,H	Low		69%	\$\$\$
	30"x30"x7/8"	Class A	80165	0.85	35	0.90	White	E,F,G,H	Low		69%	\$\$\$
	30"x60"x7/8"	Class A	89142	0.85	35	0.90	White	E,F,G,H	Low		69%	\$\$\$
SQ	2'x2'x1"	Class A	86345	0.80	40	0.90	White	A,B,C	Low		71%	\$\$
	2'x4'x1"	Class A	88345	0.80	40	0.90	White	A,B	Low		71%	\$\$
SLT	2'x2'x1"	Class A	86346	0.80	40	0.90	White	D	Low		71%	\$\$
	2'x4'x1"	Class A	88346	0.80	40	0.90	White	D	Low		71%	\$\$
FLB	2'x2'x1"	Class A	86347	0.80	40	0.90	White	E,F,G,H	Low		71%	\$\$
	2'x4'x1"	Class A	88347	0.80	40	0.90	White	E,F,G,H	Low		71%	\$\$
SQ	2'x2'x7/8"	Class A	86100	0.80	35	0.90	White	A,B,C	Low		70%	\$\$
	2'x4'x7/8"	Class A	86300	0.80	35	0.90	White	A,B	Low		70%	\$\$
	30"x30"x7/8"	Class A	86426	0.80	35	0.90	White	A,B	Low		70%	\$\$
	30"x60"x7/8"	Class A	86429	0.80	35	0.90	White	A,B	Low		70%	\$\$
SLT	2'x2'x7/8"	Class A	87200	0.80	35	0.90	White	D	Low		70%	\$\$
	2'x4'x7/8"	Class A	89600	0.80	35	0.90	White	D	Low		70%	\$\$
	30"x30"x7/8"	Class A	86500	0.80	35	0.90	White	D	Low		70%	\$\$
	30"x60"x7/8"	Class A	86466	0.80	35	0.90	White	D	Low		70%	\$\$
FLB	2'x2'x7/8"	Class A	87100	0.80	35	0.90	White	E,F,G,H	Low		70%	\$\$
	2'x4'x7/8"	Class A	89500	0.80	35	0.90	White	E,F,G,H	Low		70%	\$\$
	30"x30"x7/8"	Class A	86400	0.80	35	0.90	White	E,F,G,H	Low		70%	\$\$
	30"x60"x7/8"	Class A	86497	0.80	35	0.90	White	E,F,G,H	Low		70%	\$\$

Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). *Certificates of Compliance² for Low VOC Emissions are available on usg.com and at spot.ul.com.

ClimaPlus™ Warranty Performance³
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

USG MARS™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER⁹

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**USG MARS™
HIGH-CAC PANELS
60/40**



Edge	Panel Size	Fire Rating	Item No.	NRC	CAC Min.	LR ²	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content ¹	Panel Cost
SQ	2'x2'x3/4"	Class A	86186	0.60	40	0.90	White, color ⁷	A,B,C	Low		70%	\$\$\$
	2'x4'x3/4"	Class A	87187	0.60	40	0.90	White	A,B	Low		70%	\$\$\$
SLT	2'x2'x3/4"	Class A	86786	0.60	40	0.90	White, color ⁷	D	Low		70%	\$\$\$
	2'x4'x3/4"	Class A	88786	0.60	40	0.90	White	D	Low		70%	\$\$\$
FLB	2'x2'x3/4"	Class A	86986	0.60	40	0.90	White, color ⁷	E,F,G,H	Low		70%	\$\$\$
	2'x4'x3/4"	Class A	88986	0.60	40	0.90	White	E,F,G,H	Low		70%	\$\$\$

Low Emissions (VOC)

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). 'Certificates of Compliance' for Low VOC Emissions are available on usg.com and at spot.ul.com.

ClimaPlus™ Warranty Performance³

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content

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GRID PROFILE OPTIONS

A USG DX ⁶	B USG DXW™	C ⁴ USG Centricitee™ DXT™	D USG DX ⁶	E USG Centricitee™ DXT™	F USG Fineline™ DXF™	G ⁸ USG Fineline™ 1/8 DXFF™	H USG Identitee™ DXI™
I USG DX ⁶	J USG Centricitee™ DXT™	K USG Fineline™ DXF™	L USG Fineline™ 1/8 DXFF™	M USG Identitee™ DXI™			

PHYSICAL DATA/ FOOTNOTES

Product literature
Data sheet: SC2487

ASTM E1264 classification

ASTM E1264-22: Type IV, Form 1 and 2, Pattern E, G
ASTM E1264-23: Type A, Form A2.1 and A2.2, Pattern E, G

ASTM E84 and CAN/ULC S102 surface-burning characteristics

Class A
Flame spread: 25 or less
Smoke developed: 50 or less

Weight
1.09 - 1.36 lb./sq.ft.

Online tools
usgdesignstudio.com or cgcdesignstudio.com

Thermal resistance
R-2.2 (3/4" panel)
R-4.5 (1.3" panel)

Maximum backloading

See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

Maintenance

Can be cleaned easily with a soft brush or vacuum. To clean white panels, use a clean, white cloth with water or a mild detergent and wipe surface.

Metric sizes available

Contact sales for minimum quantities and lead times.

Notes

- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- LR values are shown as averages.
- For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- Maximum 2'x2' with SQ edge panels.
- Acoustic values are for white only. Colored values are lower depending on specific color selected.
- White panels only.
- Available in Premium and Custom Colors.
- Not available in Premium or Custom Colors.
- All USG Mars™ High-NRC Acoustical Panels with a "plant-based binder" label contain up to 65% plant-based material in the binder. For more information, please refer to the USG Mars Acoustical Panels Health Product Declaration, available at www.usg.com.

Notice

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.



USG DONN® BRAND CENTRICITEE™ DXT™/DXLT™ ACOUSTICAL SUSPENSION SYSTEM

USG Donn® Brand Centricitee™
DXT™ Acoustical Suspension System/
USG Eclipse™ Acoustical Panels

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STANDARD COLORS



ADVANTAGE COLORS



PREMIUM COLORS



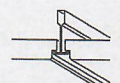
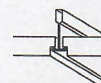
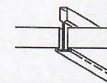
POWDER-COATED FINISH



PROFILE



EDGE DETAIL



FEATURES AND BENEFITS

- 9/16" exposed grid provides a clean aesthetic.
- Compatible with USG Logix™ Integrated Ceiling Systems.
- Cross-tee override-ends resist twisting and ensure a finished look.
- Proprietary Quick-Release™ cross tees.
- High recycled content (HRC) available.
- Seismic installation designs validated in ICC-ES Evaluation Report ESR-1222.
- Premium and custom colors available.
- Some items available in metric sizes.
- USG Donn® Brand Centricitee™ DXT™/DXLT™ Acoustical Suspension System is part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Interior general-use areas
- Fire-rated interior general-use areas
- USG Logix™ Integrated Ceiling Systems

USG DONN® BRAND CENTRICITEE™ DXT™/DXLT™ ACOUSTICAL SUSPENSION SYSTEM

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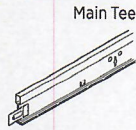
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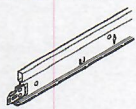


Declare® Labels on select finishes, see usg.com for more details and documentation.

9/16" TEE SYSTEM^{3,4}



Cross Tee 1-1/2" ^{3,4}



MOLDING²



PHYSICAL DATA/ FOOTNOTES

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ASTM Class	Length	Height	Item No.	Fire Rating	Color ⁵	Seismic Design Category ^{1,6}		Rated Load ²	
						IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing
Intermediate Duty	10'	1-1/2"	DXT24-10	Class A	SC, AC, PC	A, C	7/8" Molding ACM7 Clip	12 lb./LF	6.3 lb./LF
	12'	1-1/2"	DXT24	Class A	SC, AC, PC	A, C	7/8" Molding ACM7 Clip	12 lb./LF	6.3 lb./LF
			DXT24HRC						
			DXLT24						
Heavy Duty	12'	1-5/8"	DXT26	Class A	SC, AC, PC	A, F	7/8" Molding ACM7 Clip	16 lb./LF	8.1 lb./LF
			DXT26HRC						
	1'	1-1/2"	DXT122	Class A	SC, AC, PC				
	2'	1-1/2"	DXT222	Class A	SC, AC, PC				
			DXT222HRC						
			DXLT222						
	30"	1-1/2"	DXT3022	Class A	SC, AC, PC				
	4'	1-1/2"	DXT422	Class A	SC, AC, PC				
			DXT424	Class A	SC, AC, PC				
			DXT424HRC						
			DXLT424						
			DXT426	Class A	SC, AC, PC				
	5'	1-1/2"	DXT524	Class A	SC, AC, PC				
	6'	1-1/2"	DXT624	Class A	SC, AC, PC				
	8'	1-1/2"	DXT824	Class A	SC, AC, PC				

Low Emissions (VOC)

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.



Wall Angle	Length	Item No.	Color
	12'	M9	Flat White, Standard, Advantage, Premium
		M9HRC	Flat White, Standard, Advantage, Premium
	12'	MS125	Flat White, Standard, Advantage, Premium
		MS174	Flat White, Standard, Advantage, Premium
	12'	MS174HRC	Flat White, Standard, Advantage, Premium
		MS274	Flat White
	10'	2" shelf for seismic	

Product literature and samples

Data sheet: AC3040, USG Logix™ system guide: IS268
USG Logix™ architectural design guide: IS287, USG Logix™ critical system dimensions: IS609, Sample: 206564

Material

Min. G30 hot-dipped galvanized steel body and cap.
Baked on polyester paint or powder-coated finish.

Installation

Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Online tools

usgdesignstudio.com or cgcdesignstudio.com

Air diffusers

Refer to: AC272

Limitations

Refer to specific ceiling panel for limitations with square edge panels.

ICC Evaluation Service, LLC Report Compliance

For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

ASTM Load Compliance

Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.

Notes

- All USG main tees, cross tees and main tee-hanger wire connections meet AC 368 and ASTM E580 requirements for tension and compression strength, as tested per ASTM E3090.
- Rated Load expressed in lb./LF based on simple span tests in accordance with ASTM E3090 with deflection limit of L/360. Duty rating is assigned based on rated load per ASTM C635.
- Panels must be specified to be field-cut to size and field-revealed to provide as wide a lay-on edge as possible.
- Metric sizes shown available with standard lead times. Other metric sizes available by RTQ.
- SC = Standard Color, AC=Advantage Color, PC=Premium Color
- Seismically tested in accordance with ASTM E3118.

Manufactured by
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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

