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 Title: ACT GRID & FILE

Submittal Title:

Contractor:

Tri State Drywall & Acoustical

Basement Computer Room
Ano
CAFETORIA 126

Contractor's Stamp

Spec Section No: 095123

Sent Date: 3/22/2024

Submittal No:

Revision No:

Architect's Stamp

Engineer's Stamp



· Restaurants and hospitality

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



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

CLIMAPLUS PERFORMANCE WITH PLANT-BASED BINDER®













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AND LEED REPORT TOOL

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

COMING SOON

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS: UL.COM/GG UL 2818

USG MARS™ HIGH-NRC PANELS 90/30

Plant-Based Binder

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

				UL UL Classi	fied⁵							
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
		0		NRC	CAC	O		#	3	0	3	\$
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	1	Low		27%	\$\$\$
	2'x4'x1.3"	Class A	88286	0.95	30	0.90	White] 	Low		27%	\$\$\$
	30"x30"x1.3"	Class A	88287	0.95	30	0.90	White	1	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					
		5.0357		0.00	55	0.30	vville	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 YOC 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-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

				Classi	fied							
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
		0		NRC	CAC	0		B	3	0	3	\$
SLT	2'x2'x7/8"	Class A	88135	0.85	35	0.90	White,	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,	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 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 BINDER







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USG MARS™ HIGH-CAC PANELS 60/40

				Classif	ied							
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
		0		NRC	CAC	0		A	3	0	3	\$
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,	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.

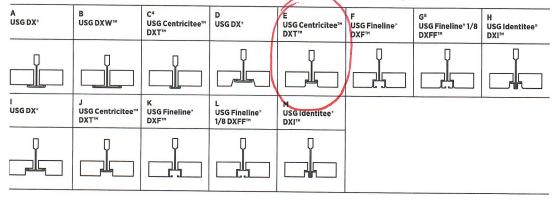
ClimaPlus™ Warranty Performance³

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 performan

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.

GRID PROFILE OPTIONS



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.

- 1. For details, see USG Sustainability tool at usgdesignstudio.com or
- 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 (CSC102). Maximum 2'x2' with SQ edge panels.

- Acoustic values are for white only. Colored values are lower depending on specific

- Acoustic values are for white only. Colored values are lower depending on specimic 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.usc.com.

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SC2487/rev. 11-23

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

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







USG DONN' BRAND CENTRICITEE" DXT"/DXLT" ACOUSTICAL SUSPENSION SYSTEM

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

	,	Height				Seism	ic Design Category 1,6	Rated Load ²			
ASTM Class	Length		Item No.	Fire Rating	Color ⁵	IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing		
				0			M				
Intermediate Duty	10' 3000 mm	1-1/2" 38 mm	DXT24-10	Class A	SC, AC, PC	A, C	7/8" Molding ACM7 Clip	12 lb./LF	6.3 lb./L		
	12' 3600 mm	1-1/2 " 38 mm	DXT24	Class A	SC, AC, PC	A, C	7/8" Molding ACM7 Clip	12 lb./LF	6.3 lb./L		
			DXLT24	0	SC, AC, PC	A, C	7/8" Molding ACM7 Clip				
Heavy Duty	12' 3600 mm	1-5/8 " 42 mm	DXT26	Class A	SC, AC, PC	A, F	7/8" Molding ACM7 Clip	16 lb./LF	8.1 lb./LF		
	1'	1-1/2"	DXT122	Class A	SC, AC, PC						
	2' 600 mm	1-1/2" 38 mm	DXT222	Class A	Class A SC, AC, PC						
			DXT222HRC								
			DXLT222	Ø	SC, AC, PC		***************************************	••••••			
	30"	1-1/2"	DXT3022	Class A	SC, AC, PC		***************************************				
	4'	1-1/2"	DXT422	Class A	SC, AC, PC	SC, AC, PC					
	1200 mm	38 mm	DXT424	Class A	SC, AC, PC						
			DXT424HRC								
			DXLT424		SC, AC, PC	SC, AC, PC					
			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						

CDPH 01350 v1.2-2017 compliance

details and documentation.

on select finishes, see usg.com for more

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.

Firecode*

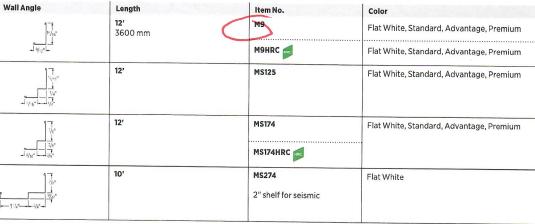


9/16" TEE SYSTEM3,4

Cross Tee 1-1/2"3,4

Main Tee

Shadowline



PHYSICAL DATA/ **FOOTNOTES**

Product literature and samples

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

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

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

usgdesignstudio.com or cacdesianstudio.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

 1. All USG main tees, cross tees and main tee-hanger wire connections meet AC 368 and ASTM ESBO requirements for tension and compression strength, as tested per ASTM ESBO9.

 2. Rateal Load expressed in Ib./LF based on simple span tests in accordance with ASTM ESBO9 with deflection limit of L/360. Duty rating is assigned basec on rated load per ASTM C635.

 3. Panels must be specified to be field-cut to size and field-revealed to provide as wide a lay-on edge as possible.

 4. Metric sizes shown available with standard lead times.

 Other metric sizes available by RTO.

 5. SC = Standard Color, AC=Advantage Color, PC=Premium Color

 6. Seismically tested in accordance with ASTM E3118.

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