



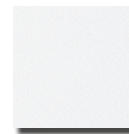
Material	Wet-formed mineral fiber, fleece covered ASTM E1264 classification Type A, Form A2.2, Pattern G
Reaction to fire	CAN/ULC-S102 (ASTM E84) class A Flame Spread Index 5 Smoke Developed Index 0
Light reflection	approx. 82 (> 99 % light diffusion)
Sound absorption*	up to NRC = 0.90
Sound reduction*	CAC = 41 dB
Humidity resistance	up to 95 % RH
Release of formaldehyde	OWAcoustic < 5 µg/m ³ (ISO 16000)
LEED EQ credit "Low-emitting products"	TVOC limit acc. to CDPH < 50 µg/m ³ (Third-party certified compliant with California Department of Public Health)

Versions:



OWAplan panel

Plaster coating:



OWAplan XS white
very fine texture

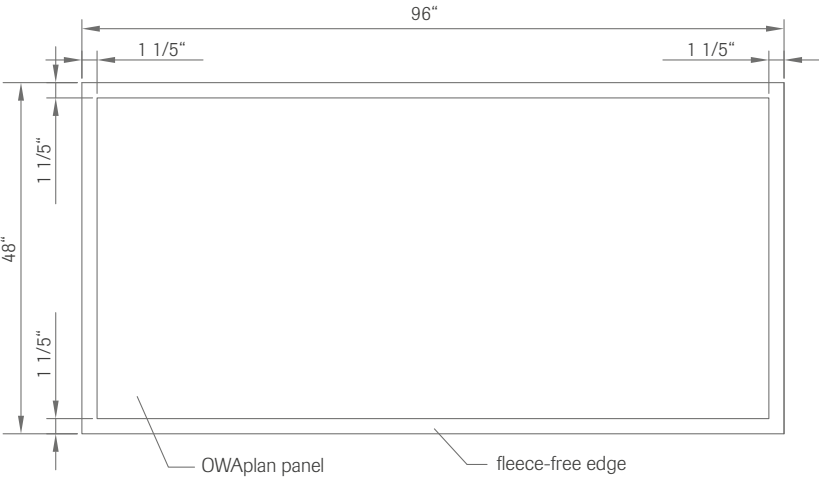
* finished System

Item no.	Dimensions (nom.) [Inches]	PU	NRC	Humidity resistance	TVOC limit acc. to CDPH	HPD	Carbon footprint/ft² (based on EPD A1-A3)	Weight approx. [lb/ft²]	Recyclability	Recycling content total	Recycling content acc. to LEED	Share of renewable raw materials	Warranty (years)
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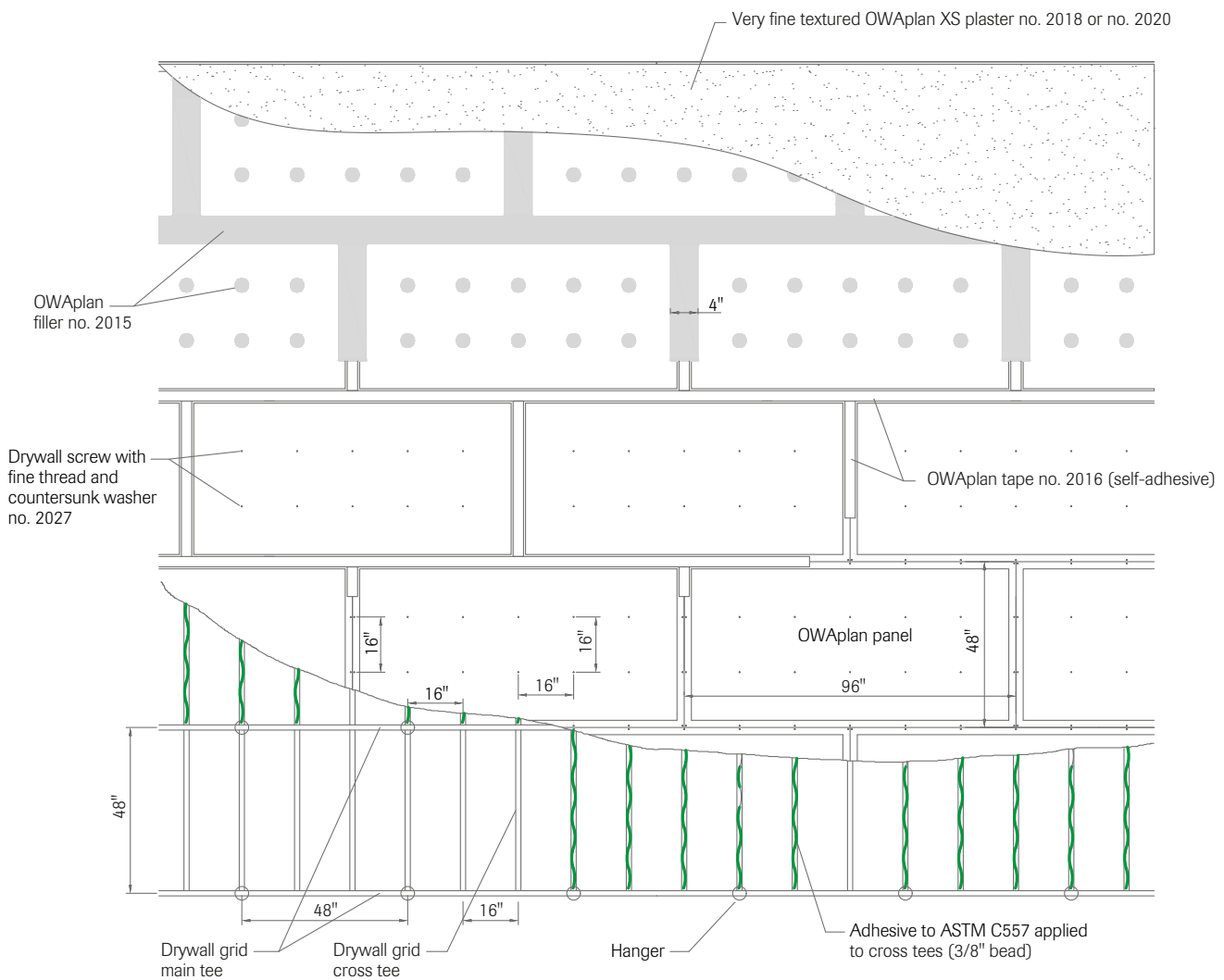
OWAplan

00094224	96 x 48 x 1		39	0.95	95 % RH	✓	✓	0,49 kg CO ₂ eq.*	0,92	100 %	19 %	16 %	22 %	10
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*Value based on the result from the EPD with 5.25 kg CO2 eq./m²



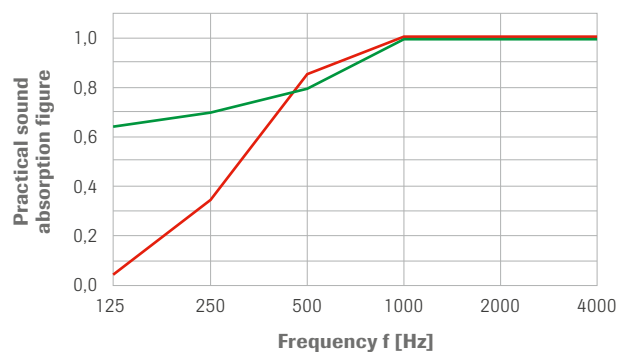
Item no.	Product description	Material	PU
by others	Drywall grid acc. to ASTM C635 & ASTM C645	galvanized steel	
by others	L-profile 2" x 1 1/16"	galvanized steel	
by others	Adhesive acc. to ASTM C557		
by others	Self-tapping drywall screw, fine thread #6 x 1 3/8"	galvanized steel	
00085458	Self-tapping screw no. 2024 for L-profile	galvanized steel	100 pcs.
00093939	Countersunk washer no. 2027	galvanized steel	500 pcs.
00084276	OWAplan tape no. 2016	textile tape	98 yd per roll
00094220	OWAplan filler no. 2015, ready to mix	dry goods	16.5 lb
00094221	OWAplan XS plaster no. 2018, ready to mix	dry goods	16.5 lb
00094248	OWAplan XS plaster no. 2020, ready to use	wet goods	33 lb



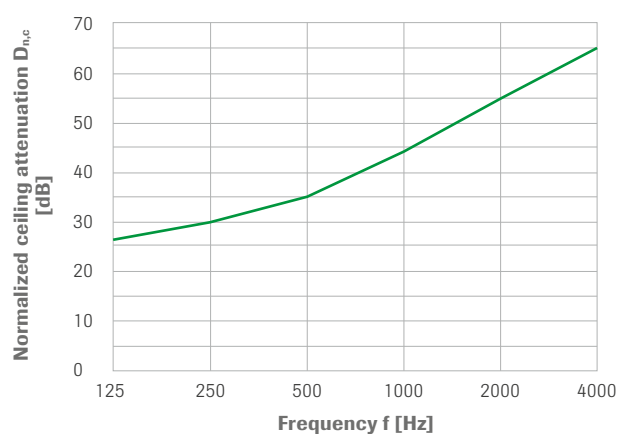
For installation requirements see brochure 1031 us

Acoustic performance

Seamless acoustic ceiling OWAplan incl. plaster coating



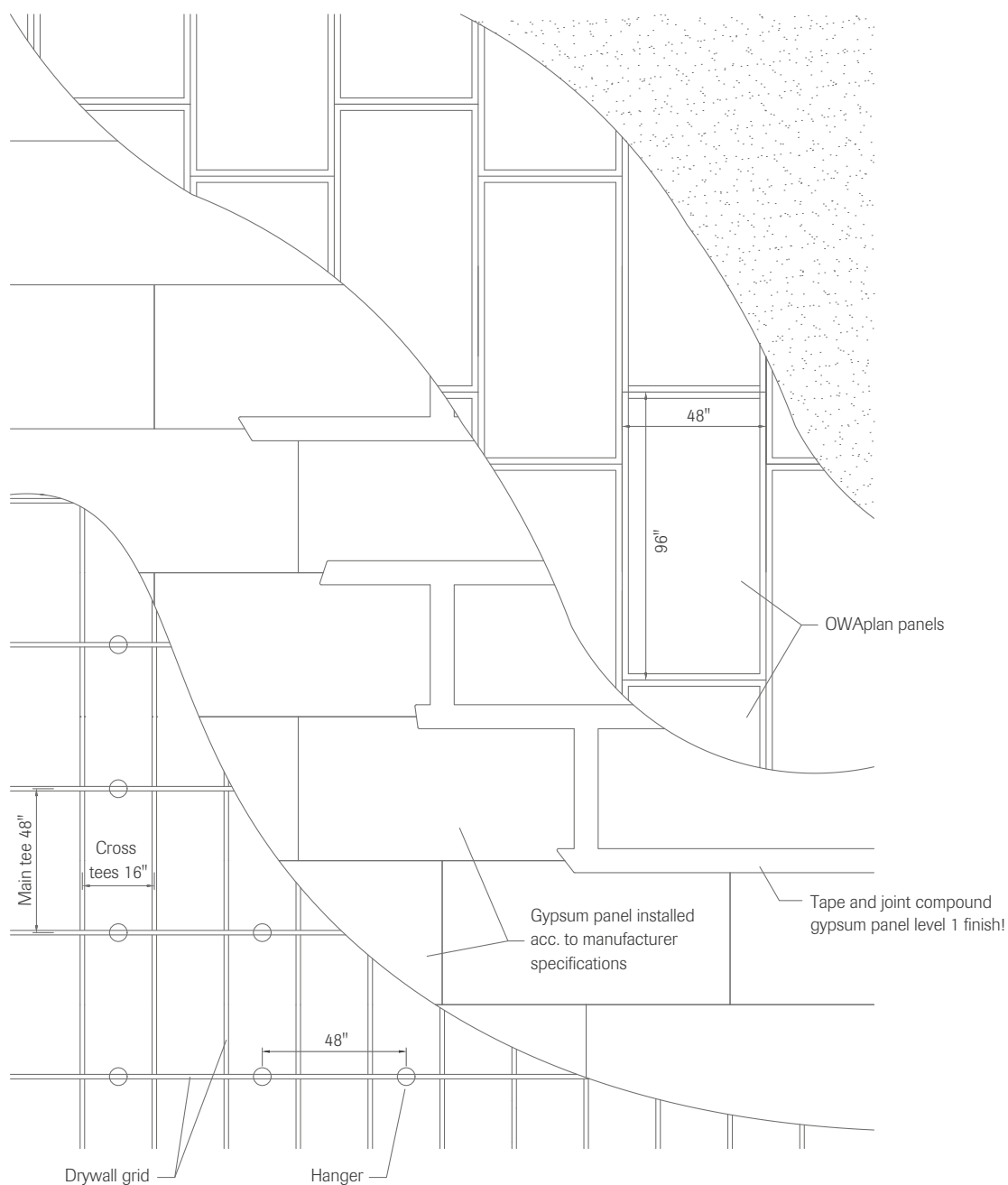
Freq. [Hz]	A-mounting α_p	E400 α_p
125	0.05	0.65
250	0.35	0.70
500	0.85	0.80
1000	1.00	1.00
2000	1.00	1.00
4000	1.00	1.00
NRC	0.80	0.90
AC(1.5)	170	180
SAA	0.82	0.91



Freq. [Hz]	$D_{n,c}$ [dB]
125	26
250	30
500	35
1000	44
2000	55
4000	65
CAC	41

Repainting the finished installation may lead to a reduction in sound absorption performance.

Open air plenum installation



Avoid creating negative air pressure within the plenum space, as this can cause air to move through the ceiling surface. This results in a filtering effect on the panel face, leading to an uneven visual appearance. In return air plenums or any situation where negative pressure is present in the plenum, the OWAplan panels adhered to a stable, solid substrate such as gypsum board. For more information see brochure 1031 us

OWA Product Awards



OWA ceiling systems contribute to certification according to

- **LEED** (Leadership of Energy and Environmental Design)
- **BREEAM** (Building Research Establishment Environmental Assessment Methodology)
- The **WELL** Building Standard



Certified Management Systems

Legal notice

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