

# OLYMPIA MICRO™



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## FEATURES & BENEFITS

- Balanced Acoustics. High-NRC and High-CAC.
- Excellent combination of noise reduction (up to NRC-0.70) and sound attenuation (up to CAC-37).
- Excellent for critical lighting applications that require High Light Reflectance (0.88).
- High Humidity Resistance up to RH-99%.
- Light granulated surface texture with virtually invisible micro-perforation for a smoother look than standard perforations. Improves sound absorption. Reduces light fixture & energy usage.
- Fire resistant system options for life safety and protection of property.
- Available in HRC (High Recycled Content) for optimized recycled content formulations to help maximize LEED® recycled content contribution and sound absorption.
- Ideal solutions for classroom and educational facilities.
- Upon request, panel faces and back surfaces are treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits mold growth.

## APPLICATIONS

- Classrooms
- Libraries
- Corridors and stairwell
- Reception and lobby areas
- Restaurant and cafe
- Sports hall
- General offices
- Shopping centers

Absorption Coefficient	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
	15mm	0.35	<b>0.35</b>	<b>0.50</b>	<b>0.65</b>	<b>0.60</b>	0.50	<b>0.55</b>
19mm	0.30	<b>0.45</b>	<b>0.70</b>	<b>0.70</b>	<b>0.70</b>	0.60	<b>0.65</b>	
19mm HNRC	0.45	<b>0.50</b>	<b>0.75</b>	<b>0.85</b>	<b>0.80</b>	0.65	<b>0.70</b>	

\*Calculated to ASTM C 423-01



OLYMPIA MICRO™



EN 13964 : 2014 + A1 : 2007  
TABLE OF PERFORMANCE



PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS



FIRECODE



AVAILABLE IN CONCEALED EDGE



HIGH RECYCLED CONTENT

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
SQ 	OLPS665	600*600*15	0.55	35	88%			25%	Low	\$
	OLPS225	610*610*15								
	OLPC665	600*600*15	0.55	35	88%			39%	Low	\$
	OLPC225	610*610*15								
	OLPC625	600*1200*15	0.55	35	88%			39%	Low	\$
	OLPC245	610*1220*15								
	OLPX665	600*600*15	0.55	36	88%			56%	Low	\$\$
	OLPX225	610*610*15								
	OLPX625	600*1200*15	0.55	36	88%			56%	Low	\$\$
	OLPX245	610*1220*15								
	OLPC325	300*1200*15	0.55	35	88%			39%	Low	\$\$
	OLPC145	310*1220*15								
	OLPC669-HNRC	600*600*19	0.70	37	88%			82%	Low	\$\$\$
	OLPC229-HNRC	610*610*19								
	OLPS669	600*600*19	0.65	37	88%			25%	Low	\$\$
OLPS229	610*610*19									
OLPC329	300*1200*19	0.65	37	88%			39%	Low	\$\$	
OLPC349	310*1220*19									
OLPC629-HNRC	600*1200*19	0.70	37	88%			82%	Low	\$\$\$	
OLPC249-HNRC	610*1220*19									
SLT 	OLPSR665	600*600*15	0.55	35	88%			25%	Low	\$
	OLPSR225	610*610*15								
	OLPCR665	600*600*15	0.55	35	88%			39%	Low	\$
	OLPCR225	610*610*15								
	OLPSR669	600*600*19	0.65	37	88%			25%	Low	\$\$
	OLPSR229	610*610*19								
	OLPCR669-HNRC	600*600*19	0.70	37	88%			82%	Low	\$\$\$
	OLPCR229-HNRC	610*610*19								
	OLPXR629	600*1200*19	0.65	37	88%			56%	Low	\$\$\$
OLPXR249	610*1220*19									
OLPCR629-HNRC	600*1200*19	0.70	37	88%			82%	Low	\$\$\$	
OLPCR249-HNRC	610*1220*19									
FLB 	OLPSRF665	600*600*15	0.55	35	88%			25%	Low	\$
	OLPSRF225	610*610*15								
	OLPCRF665	600*600*15	0.55	35	88%			39%	Low	\$\$
	OLPCRF225	610*610*15								
	OLPCRF325	300*1200*15	0.55	35	88%			39%	Low	\$\$
	OLPCRF145	310*1220*15								
	OLPSRF669	600*600*19	0.65	37	88%			25%	Low	\$\$
	OLPSRF229	610*610*19								
	OLPCRF669-HNRC	600*600*19	0.70	37	88%			82%	Low	\$\$\$
	OLPCRF229-HNRC	610*610*19								
OLPCRF629-HNRC	600*1200*19	0.70	37	88%			82%	Low	\$\$\$	
OLPCRF249-HNRC	610*1220*19									
OLPCRF329	300*1200*19	0.65	37	88%			39%	Low	\$\$\$	
OLPCRF349	310*1220*19									
BESK 	OLPXC665	600*600*15	0.55	36	88%			56%	Low	\$\$\$\$
	OLPXC669	600*600*19	0.65	37	88%			56%	Low	\$\$\$\$
D-BESK 	OLPXRFD325	300*1200*15	0.55	35	88%			56%	Low	\$\$\$\$
	OLPXRFD355	300*1500*15	0.55	35	88%			56%	Low	\$\$\$\$
	OLPXRFD385	300*1800*15	0.55	35	88%			56%	Low	\$\$\$\$
	OLPXRFD625	600*1200*15	0.55	35	88%			56%	Low	\$\$\$\$

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EN 13964 - 2014 + A1 - 2007

TABLE OF PERFORMANCE



Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
	OLPXRFD655	600*1500*15	0.55	35	88%			56%	Low	\$\$\$\$
	OLPXRFD685	600*1800*15	0.55	35	88%			56%	Low	\$\$\$\$
	OLPXRFD329	300*1200*19	0.65	37	88%			56%	Low	\$\$\$\$
	OLPXRFD359	300*1500*19	0.65	37	88%			56%	Low	\$\$\$\$
	OLPXRFD389	300*1800*19	0.65	37	88%			56%	Low	\$\$\$\$
	OLPXRFD629	600*1200*19	0.65	37	88%			56%	Low	\$\$\$\$
	OLPXRFD659	600*1500*19	0.65	37	88%			56%	Low	\$\$\$\$
	OLPXRFD689	600*1800*19	0.65	37	88%			56%	Low	\$\$\$\$

**Low Emissions (VOC)**

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818, Section 7.1 and 7.2. UL. Tests are available on usgme.com and at spot.ul.com

**High Recycled Content**

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines. **For firechief products.**

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge	DX/DXL SLT Edge	DXT FLB Edge	DXF FLB Edge	DXI FLB Edge
DX/DXL BESK Edge	DX/DXL D-BESK Edge				

SPECIFICATION DETAILS

Olympia Micro™ Acoustical Ceiling meets specifications in accordance with ASTM E1264 and EN13964.

**Materials Classification**

Type: III,  
Form: 2,  
Pattern: C, E

**Substrate and Surface Finish**

Mineral fiber substrate finished with factory-applied water-based paint

**Thickness**

15mm, 19mm

**Size**

300 x 1200mm, 310 x 1220mm,  
300 x 1500mm, 310 x 1520mm,  
300 x 1800mm, 310 x 1830mm,  
600 x 600mm, 610 x 610mm,  
600 x 1200mm, 610 x 1220mm,  
600 x 1500mm, 610 x 1520mm,  
600 x 1800mm, 610 x 1830mm

**Edge Detail Trim**

Square, Reveal [SLT, FLB],  
Concealed [BESK, D-BESK]

**Weight**

15mm [3.6 kg/m<sup>2</sup>, Regular/ ClimaPlus™]  
15mm [5.1 kg/m<sup>2</sup>, Firecode®]  
19mm [4.5 kg/m<sup>2</sup>, Regular/ ClimaPlus™]  
19mm [6.45 kg/m<sup>2</sup>, Firecode®]

**Noise Reduction Coefficient [NRC]**

[0.55] [0.65] [0.70]

**Ceiling Attenuation Class [CAC]**

[35 - 37 dB]

**Humidity Resistance**

Maximum 99% RH / 40°C for ClimaPlus™

**Light Reflectance Coefficient [LR]**

0.88

**Color**

White similar to RAL 9016

**Surface Burning Characteristics as per**

**ASTM E84**

Class A

**Reaction to Fire as per EN 13501-1**

Euroclass A2-s1, d0

**Fire Rating as per ASTM E119**

2hrs Time-Rated Assembly [J201]

**Thermal Conductivity**

λ = 0.057 W/m<sup>2</sup>K

**Washability / Scrubbability as per ASTM D4828 & D2486**

Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

**VOC Class**

Greenguard Gold

**Formaldehyde Classification**

Class E1 as per EN717-1

**Relevant LEED® Credit**

EA Credit 1 | MR Credit 4 | MR Credit 5 |  
MR Credit 6 | IEQ Credit 3 | IEQ Credit 3.2 |  
IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

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