

# HIGH NRC MINERAL FIBER OLYMPIA MICRO™




**CE** EN 13964 : 2014 + A1 : 2007  
**CERTIFIED** ENVIRONMENTAL PRODUCT DECLARATION (EPD) ISO 14025  
**GREENGUARD** GREENGUARD CERTIFIED FOR LOW VOC EMISSIONS  
**SOUND ABSORPTION** HIGH SOUND ABSORPTION  
**FIRE CODE** CEILING ATTENUATION CLASS  
**CONCEALED** AVAILABLE IN CONCEALED EDGE  
**HRC** HIGH RECYCLED CONTENT

## OLYMPIA MICRO™

### FEATURES AND 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.
- Certificated for Environmental Product Declaration (EPD) as per ISO 14025.
- Fire-resistant system options for life, safety, and property protection.
- 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



# SPECIFICATIONS DETAILS

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

#### Materials Classification

Type A, Form A1, Pattern C, E

#### Substrate and Surface Finish

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

#### Thickness

12mm, 15mm, 19mm

#### Size

300 x 1200mm, 305 x 1220mm, 600 x 600mm, 610 x 610mm, 600 x 1200mm, 610 x 1220mm

#### Edge Detail Trim

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

#### Weight

12mm [3.12 kg/m<sup>2</sup>, Regular]

15mm [3.6 kg/m<sup>2</sup>, Regular/ClimaPlus™]

15mm [5.1 kg/m<sup>2</sup>, Firechief™]

19mm [4.5 kg/m<sup>2</sup>, Regular/ClimaPlus™]

19mm [6.45 kg/m<sup>2</sup>, Firechief™]

#### Noise Reduction Coefficient

##### [NRC]

[0.40] [0.55] [0.65] [0.70]

#### Ceiling Attenuation Class [CAC]

[34 - 37 dB]

#### Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus™

#### Light Reflectance Coefficient

##### [LR]

0.88

#### Color

Standard White

#### Mold Prevention Application as per ASTM D3273

Rate 10: Resistant to mold growth. Panels are available upon request

#### 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 BS 476 (Firechief™ Option)

1hr Time-rated assembly

#### Thermal Conductivity

$\lambda = 0.057 \text{ W/m}^\circ\text{K}$

#### VOC Class

Greenguard & Greenguard Gold

#### Formaldehyde Classification

Class E1 as per EN717-1

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

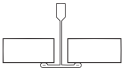
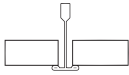
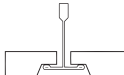
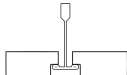
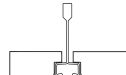
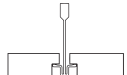
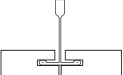
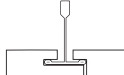
Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

#### 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



## GRID PROFILE OPTIONS

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

### Low Emissions (VOC)

Third party (GREENGUARD & 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.**

