

HIGH NRC MINERAL FIBER

APOLLO MICRO™



EN 13964 : 2014 + A1 : 2007



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

APOLLO 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	0.35	0.50	0.65	0.60	0.50	0.55
19mm	0.30	0.45	0.70	0.70	0.70	0.60	0.65
19mm HNRC	0.45	0.50	0.75	0.85	0.80	0.65	0.70

* Calculated to ASTM C 423-01



SPECIFICATIONS DETAILS

Apollo 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/m², Regular]

15mm [3.6 kg/m², Regular/
ClimaPlus™]

15mm [5.1 kg/m², Firechief™]

19mm [4.5 kg/m², Regular/
ClimaPlus™]

19mm [6.45 kg/m², 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

$\lambda = 0.057 \text{ W/m}^2\text{K}$

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

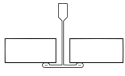
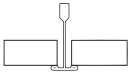
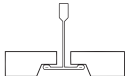
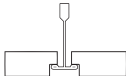
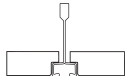
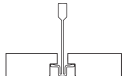
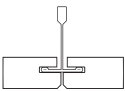
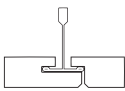
Relevant LEED® Credit

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

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				
					



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.

