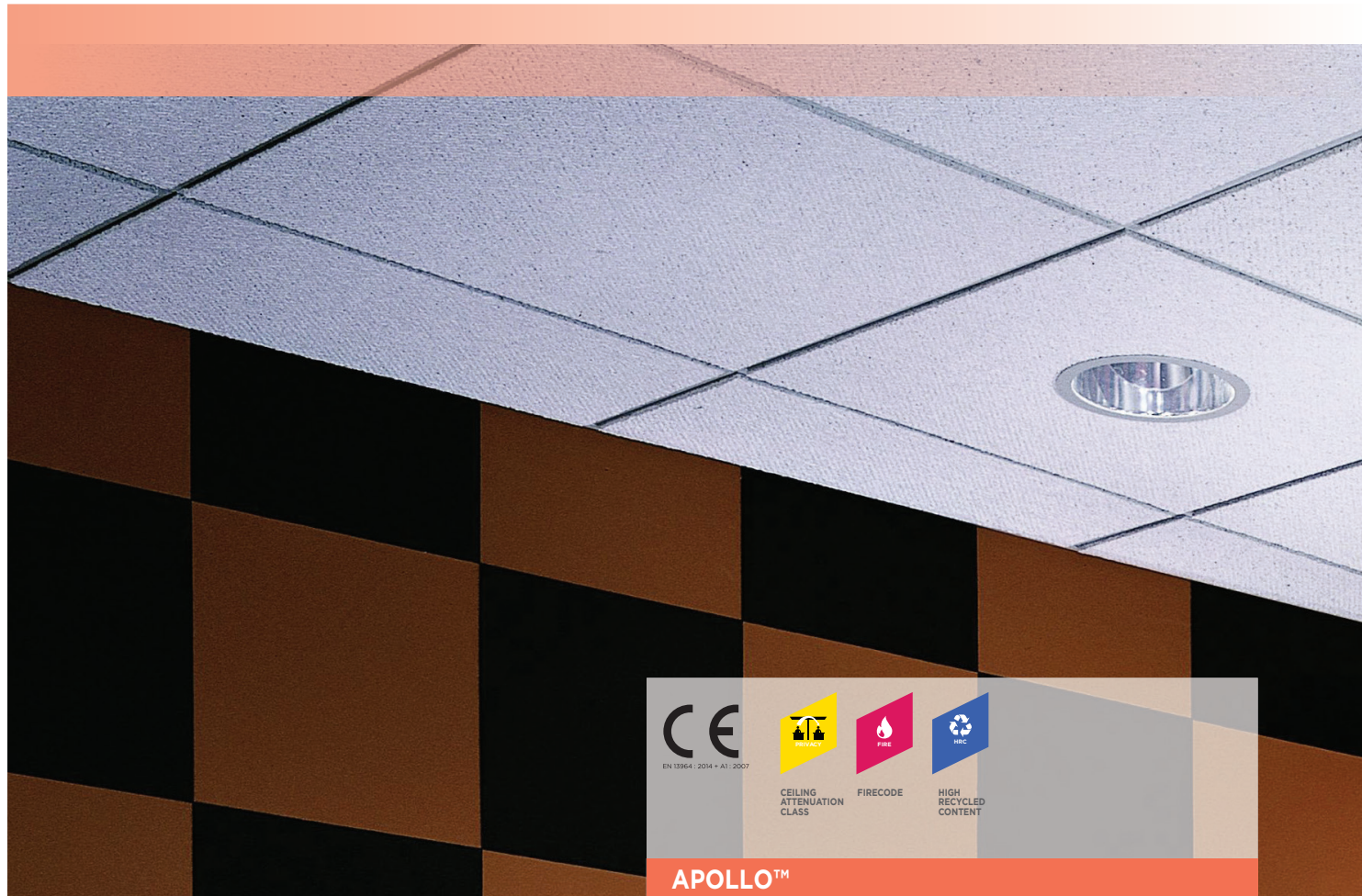


MINERAL FIBER CEILINGS FOR COMMERCIAL SPACES

APOLLO™



EN 13964 : 2014 + A1 : 2007



CEILING
ATTENUATION
CLASS



FIRECODE



HIGH
RECYCLED
CONTENT

APOLLO™

FEATURES AND BENEFITS

- Finely granulated surface texture.
- High light reflectance finish (up to LR-0.88) reduces wear and tear on light fixtures and energy use.
- Economical, non-directional pattern reduces installation time and waste.
- Fire resistant system options for life safety and protection of property.
- Available also in ClimaPlus™ formulation for 99% humidity resistance and various plank sizes.
- Available in Pedestal edge for 19mm thickness.

APPLICATIONS

- Reception
- Commercial stores
- Libraries
- Banks
- Fitness rooms
- Corridors/stairwell
- Waiting area
- Nursery
- Retail stores

ABSORPTION COEFFICIENT

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
15mm	0.35	0.25	0.15	0.15	0.20	0.30	0.15

* Calculated to ASTM C 423-01



SPECIFICATIONS DETAILS

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

Materials Classification

Type A, Form A1.2, Pattern 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,
300 x 1500mm, 305 x 1520mm,
600 x 600mm, 610 x 610mm,
600 x 1200mm, 610 x 1220mm

Edge Detail Trim

Square,
Reveal [SLT, FLB, Pedestal]

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]

[0.15]

Ceiling Attenuation Class [CAC]

[31 - 37 dB]

Humidity Resistance

Maximum 99% RH / 40°C for
ClimaPlus™

Light Reflectance Coefficient [LR]

0.86-0.88

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

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

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

TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
SQ 	OLS662	600*600*12	0.15	31	86%			25%	Low	\$
	OLS222	610*610*12								
	OLS665	600*600*15	0.15	33	86%			25%	Low	\$
	OLS225	610*610*15								
	OLC665	600*600*15	0.15	33	88%			39%	Low	\$
	OLC225	610*610*15						39%	Low	\$
	OLC625	600*1200*15	0.15	33	88%			39%	Low	\$
	OLC245	610*1220*15								
	OLX665	600*600*15	0.15	35	86%			56%	Low	\$\$
	OLX225	610*610*15								
	OLC325	300*1200*15	0.15	33	88%			39%	Low	\$\$\$
	OLC145	305*1220*15								
	OLS669	600*600*19	0.15	37	86%			25%	Low	\$\$\$
	OLS229	610*610*19								
PLANKS	OLC669	600*600*19	0.15	37	88%			39%	Low	\$\$\$
	OLC229	610*610*19								
	OLC359	300*1500*19	0.15	37	88%			39%	Low	\$\$\$\$
	OLC159	305*1520*19								
SLT 	OLSR665	600*600*15	0.15	33	86%			25%	Low	\$
	OLSR225	610*610*15								
	OLCR665	600*600*15	0.15	33	88%			39%	Low	\$
	OLCR225	610*610*15						39%	Low	\$\$\$
	OLCR325	300*1200*15	0.15	33	88%			39%	Low	\$\$\$
	OLCR145	305*1220*15								
	OLSR669	600*600*19	0.15	37	86%			25%	Low	\$\$\$
	OLSR229	610*610*19								
	OLC629	600*1200*19	0.15	37	88%			39%	Low	\$\$\$
	OLC249	610*1220*19								
FLB 	OLSRF665	600*600*15	0.15	33	86%			25%	Low	\$
	OLSRF225	610*610*15								
	OLCRF665	600*600*15	0.15	33	88%			39%	Low	\$
	OLCRF225	610*610*15						39%	Low	\$\$\$
	OLCRF325	300*1200*15	0.15	33	88%			39%	Low	\$\$\$
	OLCRF145	305*1220*15								
	OLSRF669	600*600*19	0.15	37	86%			25%	Low	\$\$\$
	OLSRF229	610*610*19								
	OLXR629	600*1200*19	0.15	37	86%			56%	Low	\$\$\$
	OLXR249	610*1220*19						39%	Low	\$\$\$
PEDESTAL 	OLCRF629	600*1200*19	0.15	37	88%			39%	Low	\$\$\$
	OLCRF249	610*1220*19								
	DP1OLCRI669	600*600*19	0.15	37	88%			39%	Low	\$\$\$
	DP1OLCRI229	610*610*19								
PEDESTAL	DP4OLCRI669	600*600*19	0.15	37	88%			39%	Low	\$\$\$
	DP4OLCRI229	610*610*19								

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	DXT PEDESTAL

