

Rockfon[®] Cinema Black[™]

Features & Benefits

- Smooth black stone wool tile providing optimal sound absorption with NRC up to 0.95 and system CAC up to 52
- Class A Fire Performance
- Ideal as an infill panel for various metal ceilings systems to enhance overall acoustical performance of the system
- Stone wool is inherently mold and mildew resistant with no added antimicrobials
- Lightweight panel, easy to carry and install
- Combine with Chicago Metallic[®] 1200 15/16" system or 9/16" Tempra, along with perimeter trims, for a complete system look
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Cinema
- Auditorium
- Theater
- Sound Studio

Tile Performance



System Performance

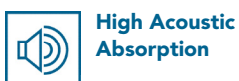


See Table 2

GWP AS LOW AS



2.43 kg CO₂-eq/1m²
0.226 kg CO₂ eq/ft²



High Acoustic Absorption



Class A Fire Performance



Moisture and Sag Resistance



No tile acclimatization required.

Please refer to [handling guide](#) for details.



Smooth, Modern Aesthetics



Mold and Mildew Resistance



30-year Warranty Applies to All Stone Wool Tiles and Panels



Part of Rockfon's Closed Loop Recycle Program



Scan to explore Rockfon® Cinema Black™

Sustainability Certifications and Documentation

Rockfon® Cinema Black™



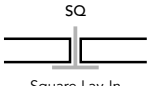
High Performance Factors

Base Material	Stone Wool
Surface	Smooth
Fire Performance	Class A Tested to US Standard ASTM E84: Flame Spread Index: 5 Smoke Developed Index: 0 Canadian Standard CAN/ULC S102: Flame Spread Index: 15 Smoke Developed Index: 5
Mold & Mildew Resistance	Inherently Resistant (applies to stone wool substrate and tile surfaces) Tested to ASTM D3273: 10 (Scale of 0 to 10, 10 being highest performing) Tested to ASTM C1338: Pass (Pass or Fail, Stone Wool Tiles Pass)
Sag Resistance	Won't Sag or Warp Even in 100% Relative Humidity Tested to ASTM C367
Low VOC	UL GREENGUARD Gold Certified
Warranty	30-Year Tile Warranty



Table 1

Cinema Black Panels

Edge Designation	Item Number	Modular Size (nominal)	NRC	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon		Low VOC	Recyclable	Packaging Information	
								Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - eq)			lbs/sqft	sqft/carton
 SQ Square Lay-in	1200	2' x 2' x 5/8"	0.85	A	✓	up to 100%	0.04	2.43	0.226	✓	✓	0.38	112
	1201	2' x 4' x 5/8"	0.85	A	✓	up to 100%	0.04	2.43	0.226	✓	✓	0.38	112
	1210	2' x 2' x 1"	0.95	A	✓	up to 100%	0.04	3.49	0.324	✓	✓	0.45	64
	1211	2' x 4' x 1"	0.95	A	✓	up to 100%	0.04	3.49	0.324	✓	✓	0.45	64

Under certain lighting conditions color and gloss variations may occur.

Rockfon® Cinema Black™

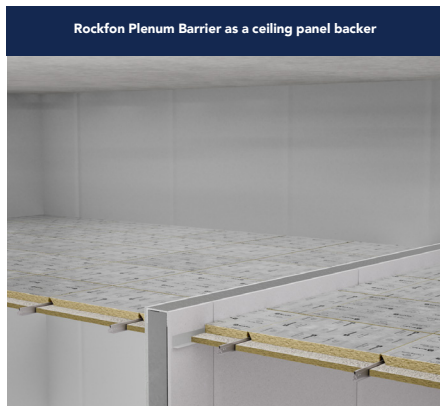
Table 2

System Performance with Cinema Black Panels - CAC 40-52¹

Product	NRC	Plenum Barrier Board as Ceiling Panel Backer (Horizontal Application) ²	Plenum Barrier Board as Partition Extension (Vertical Application)		Plenum Barrier Board
			Single-Layer	Double-Layer	
Cinema Black 1"	0.95	46	40	52	Rockfon® Plenum Barrier Board is a stone wool noise blocking panel, which is installed over partitions inside ceiling plenums, on top of ceiling panels or under partitions in raised-floor plenums to increase sound insulation and privacy between rooms. Actual board size 2' x 4' x 1-1/2" (SKU#7900) with fiber reinforce foil facing on one side. Click to access Rockfon Plenum Board datasheet.
Cinema Black 5/8"	0.85	44	40	52	

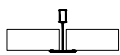
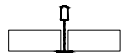
¹Use the system in Table 2 that provides a CAC rating at least equal to the STC rating of the partition between the rooms.

²Assumes plenum barrier applied to full ceilings both sides of walls. Contact Rockfon for performance of 1-side and not the other.






[Click Here or Scan QR Code](#) to see more information in The Ceilings Book.

Product Compatibility

15/16" Suspension Systems	9/16" Suspension Systems
200, 1200 and Fire Rated systems	4000 and Fire Rated systems
<p>SQ</p>  <p>Square Lay-in</p>	<p>SQ - Square Lay-in (2' x 2' x 5/8" & 2' x 4' x 5/8" only)</p>  <p>4000 - Tempra</p>

Rockfon® Cinema Black™

Accessories

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
General Clips*		250348	935.00	Universal Hold Down Clip	1000	16
		252923	425.01	Hold Down Clip for 5/8" Board 250/1250 Systems	200	2
		250343	820.00	Hold Down Clip for 5/8" Board 250/1250 Systems	1000	7
		237949	490.00	Hold Down Clip for 0" - 3/4" Panels (Black)	100	2
		237952	491.00	Hold Down Clip for 3/4" - 1-1/4" Panels (Blue)	150	2
		237954	492.00	Hold Down Clip for 1-1/2" Panels (Grey)	100	2
		250324	426.01	Butterfly Retention Clip for 0" - 1" Panels	200	15
250325		427.01	Butterfly Retention Clip for 1" - 2" Panels	150	15	

*Clips should be chosen as per tile thickness

Scan for Full
Accessories Guide



Rockfon® Cinema Black™ Properties

Material

Stone wool (Mineral Wool) ceiling tiles with pre-painted glass scrim.



ASTM E1264 Classification

ASTM E1264 (2022): Type IV, Form 3, Pattern G
ASTM E1264 (2023): Type A, Form A2.3, Pattern G



Acoustic Performance

Rockfon Cinema Black ceiling panels are tested for Noise Reduction Coefficient (NRC) and Ceiling Attenuation Class (CAC) according to the following ASTM standards:

- ✓ NRC – Tested to ASTM C423
- ✓ CAC – Tested to ASTM E1414



Fire Performance

Rockfon® Cinema Black™ tiles are tested for Surface Burning Characteristics to UL 723 (ASTM E84) for the US and CAN/ULC-S102 for Canada, and achieve:

Tested to US Standard Flame Spread Index: 5
UL 723 (ASTM E84): Smoke Developed Index: 0

Canadian Standard Flame Spread Rating: 15
CAN/ULC S102: Smoke Developed Classification: 5



Mold and Mildew Resistance

Stone wool is inherently resistant to mold and mildew without added antimicrobials. Both, tile surface and substrate, are tested to:

- ✓ ASTM D3273 (Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings)
- ✓ ASTM C1338 (Standard Test Method for Determining Fungi Growth Resistance of Insulation Materials and Facings)



Humidity Resistance

Stone wool ceiling tiles are inherently humidity resistant and are tested to ASTM C367 (Standard Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels) and won't sag or warp even in 100% relative humidity



Cleaning

- ✓ Vacuum



Thermal Resistance

R 2.17 hr.ft².°F/Btu per 5/8 inch (I-P)
R 0.38 m².K/W per 15.9 mm (SI)



Tile Directionality

Rockfon® Cinema Black™ tiles are directional and must be installed according to backside arrow direction. The arrow can be turned 180°, not 90°



Warranty

30-Year Limited Product Warranty.
See rockfon.com

Sustainability



Transparency

- ✓ Environmental Product Declaration (Product-Specific, Type III)



Low-Emitting Materials

UL GREENGUARD Gold certified for low VOC (chemical) emissions and meet the California Department of Public Health (CDPH) Standard Method v1.2-2017 for offices and classroom environments



Embodied Carbon

Global Warming Potential (GWP) kg of CO₂-eq (per functional unit) from stages A1 - A3 for SQ Edge:
2.43 kg CO₂-eq (per 1m²) / 0.226 kg CO₂-eq (per 1f²)

For all other edge types, refer to p. 2



Rockcycle - Closed Loop Recycle Program

All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact rockcycle@rockfon.com for more information



Discover Rockfon® Cinema Black™

on Ecomedes and see how it aligns with the Common Materials Framework (CMF)

Find us on

MasterSpec[®]
Powered by Deltek Specpoint[®]

BIM/Revit objects available at:
rockfon.com/products/rockfon-cinema-black/