

Acoustic Ceiling Tile Solutions for Data Centers

UP TO
0.95
NRC

Features & Benefits

- High sound absorption (NRC = 0.75 - 0.95)
- UL GREENGUARD Gold Certification for low VOC emission
- Mold and mildew resistant
- Fire Performance - Class A

Applications

- Server Room



Rockfon ceiling tiles are manufactured using advanced stone wool technology. All stone wool tiles benefit from:



High Acoustic Absorption



Moisture and Sag Resistance



Moisture and Sag Resistance



Fire Performance - Class A



Smooth, Modern Aesthetics



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



Rockfon Sonar® - DC

Rockfon Sonar® - DC acoustical ceiling tiles are made from stone wool and feature excellent sound absorption & anti-static performance. With a low carbon footprint, stone wool's inherent capabilities of excellent fire performance, sag, mold & mildew resistance are delivered in an elegant, lightly textured white surface. Sealed edges prevent the spread of particulates. The top lacquer used on the surface provides enhanced cleaning properties and resistance to scratches and marks.



Scan to explore Rockfon Sonar® Sustainability Certifications and Documentation



Edge Designation	Item Number	Actual Tile Size (Inch)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (relative humidity)	Embodied Carbon		Low VOC	Recyclable	lbs/sqft	sqft/carton
								Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - eq)				
	SQDC 16170	23-7/32" X 23-7/32" X 1"	0.95	190	A	0.85	up to 100%	4.15	0.386	✓	✓	0.69	64
	SQDC 16171	23-7/32" X 47-7/32" X 1"	0.95	190	A	0.85	up to 100%	4.15	0.386	✓	✓	0.69	64
	SQDC 16177	47-7/32" X 47-7/32" X 1"	0.95	190	A	0.85	up to 100%	4.15	0.386	✓	✓	0.69	96

* Please note Rockfon DC portfolio is designed for use with structural ceiling grid.

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint and water-based lacquer on glass scrim surface



ASTM E1264 Classification

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



Fire Performance

Rockfon Sonar® - DC 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: 0
UL 723 (ASTM E84): Smoke Developed Index: 0

Canadian Standard Flame Spread Index: 10
CAN/ULC S102: Smoke Developed Index: 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
- ✓ Damp cloth
- ✓ Rockfon Sonar® - DC is resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide and tested to ASTM D1308 (Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Coating Systems)



Clean Room

ISO Class 5 using Chicago Metallic® BarrierGrid®



Thermal Insulation

Panel Thickness: 1 Inch (I-P), 25.4 mm (SI)
Thermal Resistance (R-value): 3.47 h.ft².°F/Btu (I-P), 0.61 m².K/W (SI)



Warranty

30-Year Limited Product Warranty.
See rockfon.com

Sustainability



Transparency

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



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: 4.15 kg CO₂ - eq (per 1m²) / 0.386 kg CO₂ - eq (per 1ft²)



Rockcycle - Closed Loop Recycle Program

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

Find us on



BIM/Revit objects available at:
rockfon.com/products/rockfon-sonar-dc/

Rockfon Alaska® - DC

Rockfon Alaska® - DC acoustical ceiling tiles feature high sound absorption with an NRC of up to 0.90, due to its stone wool core. With a low carbon footprint, stone wool's inherent capabilities of excellent fire performance, sag, mold & mildew resistance are delivered in a smooth white finish. Antistatic properties support overall safety.



Scan to explore Rockfon Alaska®
Sustainability Certifications
and Documentation



Edge Designation	Item Number	Actual Tile Size (Inch)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (relative humidity)	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	
	SQDC	10170	23-7/32" X 23-7/32" X 3/4"	0.90	180	A	0.86	up to 100%	3.49	0.325	✓	✓	0.69	80
	SQDC	10171	23-7/32" X 47-7/32" X 3/4"	0.90	180	A	0.86	up to 100%	3.49	0.325	✓	✓	0.69	80
	SQDC	10177	47-7/32" X 47-7/32" X 1"	0.90	180	A	0.86	up to 100%	3.49	0.325	✓	✓	0.69	96

* Please note Rockfon DC portfolio is designed for use with structural ceiling grid.

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint on glass scrim surface



STM E1264 Classification

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



Fire Performance

Rockfon Alaska® - DC 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: 0
UL 723 (ASTM E84): Smoke Developed Index: 5

Canadian Standard Flame Spread Index: 5
CAN/ULC S102: Smoke Developed Index: 0



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 Insulation

Panel Thickness: 3/4 Inch (I-P), 19 mm (SI)
Thermal Resistance (R-value): 2.6 h.ft².°F/Btu (I-P), 0.46 m².K/W (SI)



Tile Directionality

Rockfon Alaska® - DC 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)
- ✓ Health Product Declaration
- ✓ Declare Label Available



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: 3.49 kg CO₂ - eq (per 1m²) / 0.325 kg CO₂ - eq (per 1ft²)



Rockcycle - Closed Loop Recycle Program

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

Find us on



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BIM/Revit objects available at:
rockfon.com/products/rockfon-alaska-dc/

Rockfon Tropic® - DC

Rockfon Tropic® - DC acoustical ceiling tiles are made from stone wool and feature an NRC of up to 0.85, With a low carbon footprint, stone wool's inherent capabilities of excellent fire performance, sag, mold & mildew resistance are delivered in a smooth white finish. Anti-static properties support overall safety.



Scan to explore Rockfon Tropic® Sustainability Certifications and Documentation



Edge Designation	Item Number	Actual Tile Size (Inch)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (relative humidity)	Embodied Carbon		Low VOC	Recyclable	lbs/sqft	sqft/carton
								Per 1m ² (kg CO ₂ - eq)	Per 1ft ² (kg CO ₂ - eq)				
	SQDC 1700	23-7/32" X 23-7/32" X 5/8"	0.85	180	A	0.86	up to 100%	2.04	0.190	✓	✓	0.38	112
	SQDC 1701	23-7/32" X 47-7/32" X 5/8"	0.85	180	A	0.86	up to 100%	2.04	0.190	✓	✓	0.38	112

* Please note Rockfon DC portfolio is designed for use with structural ceiling grid.

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint on glass scrim surface



ASTM E1264 Classification

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



Fire Performance

Rockfon Tropic® - DC 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 UL 723 (ASTM E84): Flame Spread Index: 0
Smoke Developed Index: 5

Canadian Standard CAN/ULC S102: Flame Spread Index: 5
Smoke Developed Index: 0



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 Insulation

Panel Thickness: 5/8 Inch (I-P), 15.9 mm (SI)
Thermal Resistance (R-value): 2.17 h.ft².°F/Btu (I-P), 0.38 m².K/W (SI)



Tile Directionality

Rockfon Tropic® - DC 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)
- ✓ Health Product Declaration
- ✓ Declare Label



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: 2.04 kg CO₂ - eq (per 1m²) / 0.190 kg CO₂ - eq (per 1ft²)



Rockcycle - Closed Loop Recycle Program

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

Find us on

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BIM/Revit objects available at:
rockfon.com/products/rockfon-tropic-dc/

Rockfon® Cinema Black™ - DC



Scan to explore Rockfon® Cinema Black™

Sustainability Certifications and Documentation

Rockfon® Cinema Black™ - DC acoustical ceiling tiles can be used to create a black ceiling, enhancing the aesthetics of spaces while providing excellent sound absorption. With a low carbon footprint, the inherent performance properties of stone wool include sag, humidity, and fire resistance, delivered in a smooth black finish. Anti-static properties help support overall safety.



Edge Designation	Item Number	Actual Tile Size (Inch)	NRC	AC	Fire Class	Light Reflectance	Sag Resistance (relative humidity)	Embodied Carbon		Low VOC	Recyclable	lbs/sqft	sqft/carton	
								Per 1m ² (kg CO ₂ -eq)	Per 1ft ² (kg CO ₂ -eq)					
	SQDC	1270	23-7/32" X 23-7/32" X 5/8"	0.85	180	A	0.04	up to 100%	2.43	0.226	✓	✓	0.38	112
	SQDC	1271	23-7/32" X 47-7/32" X 5/8"	0.85	180	A	0.04	up to 100%	2.43	0.226	✓	✓	0.38	112
	SQDC	1272	23-7/32" X 47-7/32" X 1"	0.95	180	A	0.04	up to 100%	2.43	0.226	✓	✓	0.67	64

* Please note Rockfon DC portfolio is designed for use with structural ceiling grid.

Material

Stone wool (Mineral Wool) ceiling tiles with factory painted glass scrim surface



ASTM E1264 Classification

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



Fire Performance

Rockfon® Cinema Black™ - DC 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 UL 723 (ASTM E84): Flame Spread Index: 5
Smoke Developed Index: 0

Canadian Standard CAN/ULC S102: Flame Spread Index: 15
Smoke Developed Index: 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 Insulation

Panel Thickness: 5/8 Inch (I-P), 15.9 mm (SI)
Thermal Resistance (R-value): 2.17 h.ft².°F/Btu (I-P), 0.38 m².K/W (SI)



Tile Directionality

Rockfon Cinema Black™ - DC 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: 2.43 kg CO₂ - eq (per 1m²) / 0.226 kg CO₂ - eq (per 1ft²)



Rockcycle - Closed Loop Recycle Program

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

Find us on

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

Rockfon Artic® - DC

Rockfon Artic® - DC acoustic ceiling tiles are made from stone wool and feature standard sound absorption. Tiles are sag, humidity, and fire resistant, and come in smooth white finish



Edge Designation	Item Number	Actual Tile Size (Inch)	NRC	Fire Class	Light Reflectance	Sag Resistance (relative humidity)	Embodied Carbon		Low VOC	Recyclable	lbs/sqft	sqft/carton	
							Per 1m ² (kg CO ₂ -eq)	Per 1ft ² (kg CO ₂ -eq)					
	SQDC	1700	23-7/32" X 23-7/32" X 5/8"	0.75	A	0.85	up to 100%	2.17	0.202	✓	✓	0.38	112
	SQDC	1701	23-7/32" X 47-7/32" X 5/8"	0.75	A	0.85	up to 100%	2.17	0.202	✓	✓	0.38	112

* Please note Rockfon DC portfolio is designed for use with structural ceiling grid.

Material

Stone wool (Mineral Wool) ceiling tiles with factory applied water-based paint on glass scrim surface



ASTM E1264 Classification

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



Fire Performance

Rockfon Artic® - DC 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 UL 723 (ASTM E84): Flame Spread Index: 0
Smoke Developed Index: 5

Canadian Standard CAN/ULC S102: Flame Spread Index: 5
Smoke Developed Index: 0



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 Insulation

Panel Thickness: 5/8 Inch (I-P), 15.9 mm (SI)
Thermal Resistance (R-value): 2.17 h.ft².°F/Btu (I-P), 0.38 m².K/W (SI)



Tile Directionality

Rockfon Artic® - DC 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)
- ✓ Health Product Declaration
- ✓ Declare Label



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: 2.17 kg CO₂-eq (per 1m²) / 0.202 kg CO₂-eq (per 1ft²)



Rockcycle - Closed Loop Recycle Program

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