

Rockfon® Koral™

0.85 NRC

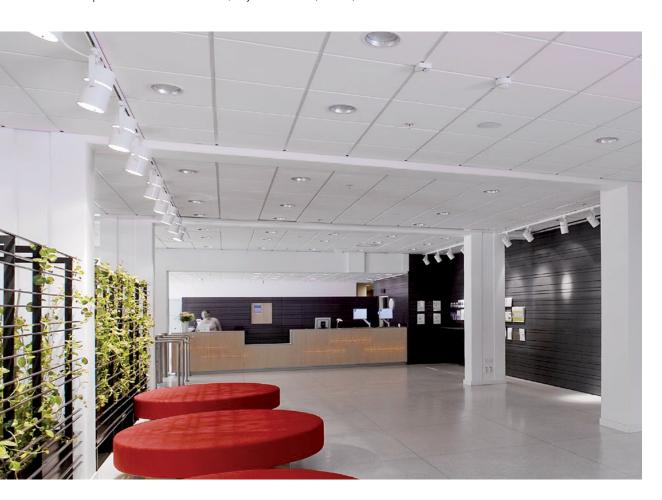


Features & Benefits

- Lightly textured white surface
- Good sound absorption (NRC = 0.85)
- Low Embodied Carbon product
- Class A fire performance
- High light reflectance (LR = 0.86)
- Available in square lay-in and tegular
- Stone wool is inherently mold and mildew resistant without added antimicrobials
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Office
- Classroom
- Cafeteria
- Locker Room
- Washroom





High Acoustic Absorption



Class A Fire Performance



Moisture and Sag Resistance



Smooth, Modern Aesthetics



Mold and Mildew Resistance



30-year Warranty Applies to All Stone Tiles and Panels





Rockfon[®] Koral[™]



Scan to explore Rockfon® Koral™

Sustainability Certifications and Documentation

High Performance Factors

Base Material Stone Wool

Surface Lightly-Textured White Surface

Fire Class A

Performance Tested to US Standard ASTM E84:

Flame Spread Index: 0 Smoke Developed Index: 5

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

Warranty 30-Year Tile Warranty Mold & Mildew Inherently Resistant

(applies to stone wool substrate and tile surfaces) Resistance

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)

Won't Sag or Warp Even in 100% Relative Humidity Sag Resistance

Tested to ASTM C367

Low VOC UL GREENGUARD Gold Certified



Standard Panels













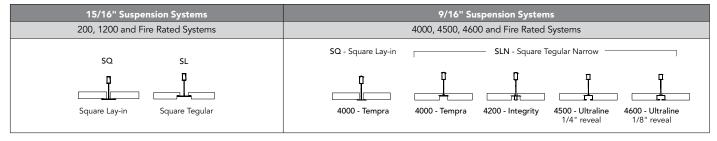




Packaging Information

| | | | | | | | | | _ | | 1012 | | | iation |
|-----------------------|----------------|---------------------------|------|-----|---------------|--------------------------------|--|----------------------|--------------------------------------|---------------------------------------|------------|------------|--------------|-----------------|
| Edge Designation | Item Number | Modular Size (nominal) | NRC | AC | Fire Class | Mold & Mildew Resistance | Sag Resistance (relative humidity) | Light Reflectance | Embodied Per 1m² (kg CO₂ - eq) | d Carbon Per 1ft² (kg CO₂ - eq) | Low VOC | Recyclable | lbs/ sqft | sqft/ carton |
| SQ | 1100 | 2' x 2' x 5/8" | 0.85 | 170 | А | ✓ | up to 100% | 0.86 | 2.04 | 0.190 | ✓ | ✓ | 0.38 | 112 |
| Square Lay-In | 1101 | 2' x 4' x 5/8" | 0.85 | 170 | А | √ | up to 100% | 0.86 | 2.04 | 0.190 | ✓ | ✓ | 0.38 | 112 |
| SLN | 1120 | 2' x 2' x 5/8" | 0.85 | 170 | А | ✓ | up to 100% | 0.86 | 2.43 | 0.226 | ✓ | ✓ | 0.47 | 56 |
| Square Tegular Narrow | 1121 | 2' x 4' x 5/8" | 0.85 | 170 | А | ✓ | up to 100% | 0.86 | 2.43 | 0.226 | ✓ | ✓ | 0.47 | 112 |
| SL | 1160 | 2' x 2' x 5/8" | 0.85 | 170 | А | √ | up to 100% | 0.86 | 2.43 | 0.226 | ✓ | ✓ | 0.47 | 56 |
| Square Tegular | 1161 | 2' x 4' x 5/8" | 0.85 | 170 | А | ✓ | up to 100% | 0.86 | 2.43 | 0.226 | ✓ | ✓ | 0.47 | 112 |

Product Compatibility



Rockfon® Koral™

Accessories

| | Detail | Rockfon Part | Product | Double to Describe to the | Packaging | | |
|----------------|--|--------------|---------|---|-----------|----------|--|
| | Detail | Number | Number | Product Description | Pcs/ Ctn | Lbs/ Ctn | |
| | V | 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 | |
| General Clips* | | 237949 | 490.00 | Hold Down Clip for 0"- 3/4" Panels (Black) | 100 | 2 | |
| Ger | A | 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 | |
| | Ch | 250325 | 427.01 | Butterfly Retention Clip for 1" - 2" Panels | 150 | 15 | |
| Tile Paint | | 307988 | RFN941 | Edge Paint for Field Cut Panels White – 8 oz | Bottle | 1 | |
| Tile | The state of the s | 307989 | RFN941Q | Edge Paint for Field Cut Panels White – 32 oz | Can | 1 | |

*Clips should be chosen as per tile thickness

Scan for Full Accessories Guide



Rockfon® Koral™ Properties

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



Fire Performance

Rockfon® Koral™ 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 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



Thermal Resistance

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



Warranty

30-Year Limited Product Warranty. See rockfon.com

Sustainability



Transparency

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

Applicable to all edge types



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 CO_2 -eq (per functional unit) from stages A1 - A3 for SQ Edge: 2.04 kg CO_2 -eq (per $1m^2$) / 0.190 kg CO_2 -eq (per $1f^2$) 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® Koral™

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

Find us on



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