

Rockfon[®] Education Plus[™]

Features & Benefits

- Designed to enhance learning spaces with its smooth white surface that brightens classrooms and aids concentration
- Enhanced sound absorption with NRC of 0.80 and optimal system CAC up to 52
- Achieves Class A fire performance
- Available in both square lay-in and tegular edge designs
- Compliant with the Build America, Buy America Act (BABAA)

Applications

- Classroom
- Private Office
- Meeting Room

Tile Performance



System Performance



See Table 2

GWP AS LOW AS



2.96 kg CO₂-eq/1m²
0.275 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 Tiles and Panels



Part of Rockfon's Closed Loop Recycle Program



High Performance Factors

| | |
|-------------------------|---|
| Base Material | Stone Wool |
| Surface | Smooth |
| Fire Performance | Class A 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 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 |



Table 1

Education Plus Panels



| Edge Designation | Item Number | Modular Size (nominal) | NRC | CAC | 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 | 42100 | 2' x 2' x 3/4" | 0.80 | 20 | A | ✓ | up to 100% | 0.82 | 2.96 | 0.275 | ✓ | ✓ | 0.45 | 80 |
| | 42101 | 2' x 4' x 3/4" | 0.80 | 20 | A | ✓ | up to 100% | 0.82 | 2.96 | 0.275 | ✓ | ✓ | 0.45 | 80 |
| SLN Square Tegular Narrow | 42200 | 2' x 2' x 3/4" | 0.80 | 20 | A | ✓ | up to 100% | 0.82 | 2.96 | 0.275 | ✓ | ✓ | 0.57 | 40 |
| | 42201 | 2' x 4' x 3/4" | 0.80 | 20 | A | ✓ | up to 100% | 0.82 | 2.96 | 0.275 | ✓ | ✓ | 0.57 | 80 |
| SL Square Tegular | 42300 | 2' x 2' x 3/4" | 0.80 | 20 | A | ✓ | up to 100% | 0.82 | 2.96 | 0.275 | ✓ | ✓ | 0.57 | 40 |
| | 42301 | 2' x 4' x 3/4" | 0.80 | 20 | A | ✓ | up to 100% | 0.82 | 2.96 | 0.275 | ✓ | ✓ | 0.57 | 80 |

Product Compatibility

| 15/16" Suspension Systems | 9/16" Suspension Systems |
|---|--|
| 200, 1200 and Fire Rated systems | 4000, 4500, 4600 and Fire Rated systems |
| SQ Square Lay-In SL Square Tegular | SQ - Square Lay-In (2' x 2' & 2' x 4' only) SLN - Square Tegular Narrow 4000 - Tempra 4000 - Tempra 4500 - Ultraline 1/4" reveal 4600 - Ultraline 1/8" reveal |

Rockfon® Education Plus™

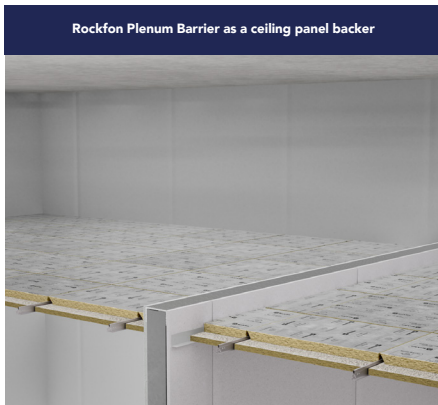
Table 2

System Performance with Education Plus 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 | |
| Education Plus 3/4" | 0.80 | 45 | 40 | 52 | <p>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.</p> <p>Actual board size 2' x 4' x 1-1/2" (SKU#7900) with fiber reinforce foil facing on one side.</p> <p>Click to access Rockfon Plenum Board datasheet.</p> |

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, 4500, 4600 and Fire Rated systems |
| <p>SQ SL</p> <p>Square Lay-In Square Tegular</p> | <p>SQ - Square Lay-In (2' x 2' & 2' x 4' only)</p> <p>SLN - Square Tegular Narrow</p> <p>4000 - Tempra 4000 - Tempra 4500 - Ultraline 1/4" reveal 4600 - Ultraline 1/8" reveal</p> |

Rockfon® Education Plus™

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 |
| |  | 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 |
| |  | 250324 | 426.01 | Butterfly Retention Clip for 0" - 1" Panels | 200 | 15 |
| Tile Paint |  | 307988 | RFN941 | Edge Paint for Field Cut Panels White - 1/2" pint. Brush included. | Can | 1 |
| |  | 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® Education Plus™ 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 G
ASTM E1264 (2023): Type A, Form A2.3, Pattern G



Acoustic Performance

Rockfon® Education Plus™ 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® Education Plus™ 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 Rating: 5
CAN/ULC S102: Smoke Developed Classification: 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 Resistance

R 2.60 hr.°F/Btu for 3/4 inch (I-P)

R 0.46 m².K/W for 19.0 mm (SI)



Tile Directionality

Rockfon® Education Plus™ 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

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 CO₂-eq
(per functional unit) from stages A1 - A3 for SQ Edge:
2.96 kg CO₂-eq (per 1m²)* / 0.2.75 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® Education Plus™

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

Find us on

MasterSpec®
Powered by Delttek Specpoint®

BIM/Revit objects available at:

rockfon.com/products/tiles-and-panels/modular-ceilings/special-applications/education/rockfon-education-plus/