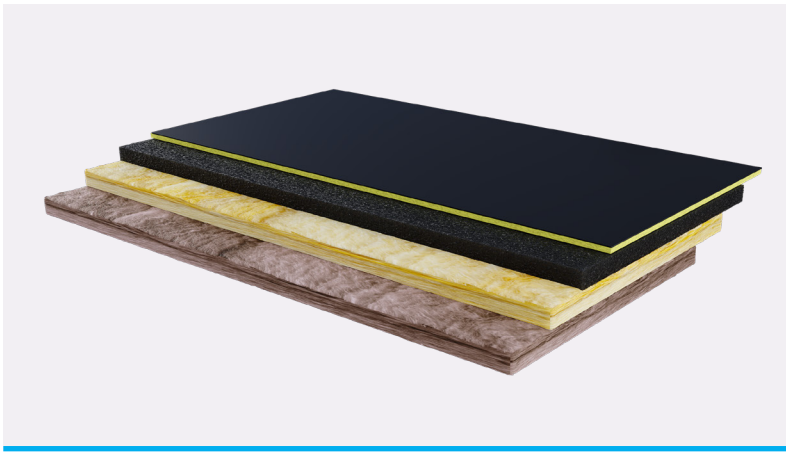


Perimeter Strip Datasheet



Perimeter Strip is a [resilient strip](#) used to minimize sound transmission between isolated structures and non-isolated structures. It limits flanking noise transmission between floating floors or suspended ceilings and adjacent walls or between acoustically decoupled party walls and the building structure.

FEATURES

- Self-adhesive backing for fast and secure installation (PU version)
- Easy to cut and handle, improving on-site efficiency
- Long-term durability ensures consistent acoustic performance
- Low compressibility minimizes the risk of acoustic bridging
- Adjustable width to suit different floor slab or ceiling & wall configurations
- PU version includes protective foil, allowing concrete to be poured directly without extra preparation – ideal for wet applications
- Available in polyurethane, recycled rubber, and glass wool to meet different project performance criteria

PACKAGING

Standard Dimensions

| Product Name | Material/composition | Thickness [mm (inch)] | Length [m (inch)] | Width [mm (inch)] |
|------------------------|-----------------------|-----------------------|-------------------|-------------------|
| Perimeter Strip RR* | Recycled rubber | 10 (3/8) | 10 (393) | 100 (4) |
| | | | | 150 (6) |
| | | | | 200 (8) |
| Perimeter Strip GW | Glass wool | 25 (1) | 1.22 (48) | 1220 (48) |
| | | | 2.44 (96) | |
| Perimeter Strip GW RL* | Glass wool | 25 (1) | 1,22 (48) | 1220 (48) |
| | | | 2.44 (96) | |
| Perimeter Strip PU* | Recycled Polyurethane | 10 (3/8) | 10 (393) | 50 (2) |
| | | | | 100 (4) |
| | | | | 150 (6) |
| | | | | 200 (8) |
| | | | | 250 (10) |

*Red List compliant - free from materials prohibited by the Living Building Challenge.



PHYSICAL & MECHANICAL PROPERTIES

| Perimeter Strip RR | Value | Unit/Class | Standard |
|---------------------|------------------------|---|-----------|
| Density | 700 (43.7) | kg/m ³ (lb/ft ³) | ISO 845 |
| Compression Set | < 20 | % | ISO 815-1 |
| Tensile Strength | > 0.2 (29) | MPa (psi) | ISO37 |
| Working Temperature | -30 to 70 (-22 to 158) | °C (°F) | - |

| Perimeter Strip GW | Value | Unit/Class | Standard |
|-----------------------------|-----------|---|--|
| Density | 96 (6) | kg/m ³ (lb/ft ³) | - |
| Fire Hazard Classification | 25 50 | Flame Spread Smoke Developed | ASTM E84, UL 723, and CAN/ ULC S102 |
| Maximum Service Temperature | 121 (250) | °C (°F) | - |

| Perimeter Strip GW RL | Value | Unit/Class | Standard |
|-------------------------------------|---|--|--|
| Density | 96 (6) | kg/m ³ (lb/ft ³) | - |
| Reaction to Fire | 25 50 | Flame Spread Smoke Developed | ASTM E84, CAN/ULC S102,NF- PA 90A and 90B, UL 723 |
| Thermal Conductivity | 0.032 (0.22) | W/m ² K (BTU/(hr-ft ² ·°F)) | ASTM C177 |
| Maximum Service Temperature | 232 (450) | °C (°F) | ASTM C411 |
| Corrosiveness | Does not accelerate corrosion of steel | - | ASTM C665 |
| Shrinkage | < 0.3 | % | ASTM C356 |
| Water Vapor Sorption (by weight) | < 5 | % | ASTM C1104 |

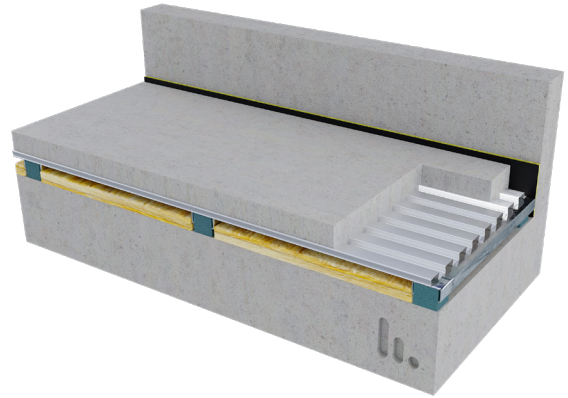
| Perimeter Strip PU | Value | Unit/Class | Standard |
|----------------------|-------------------------|--|--------------------------|
| Density | 195 (12) | kg/m ³ (lb/ft ³) | ISO 845 |
| Hardness | 50 (7.25) | kPa (psi) | ISO 3386-1 |
| Compression Set | < 10 | % | ISO 1856-B |
| Tensile Strength | > 125 (18) | kPa (psi) | ISO 1798 |
| Elongation at Break | > 40 | % | ISO 1798 |
| Thermal Conductivity | 0.040 (0.0231) | W/m ² K (BTU/(hr-ft ² ·°F)) | E12667 |
| Fire Rating | Class E | - | ISO 13501-1 FMVSS 302 |
| Working Temperature | -30 to 120 (-22 to 248) | °C (°F) | Long time expo |



TYPICAL ASSEMBLIES

Perimeter Strip can be applied [around floating floors](#), such as Stravifloor Deck, to decouple the outer perimeter of the floating floor system from walls, columns, and other non-isolated elements.

Example: Stravifloor Deck with Perimeter Strip



Perimeter Strip can be applied between [suspended ceilings](#) and adjacent walls, thereby acoustically decoupling the drop ceiling from its surroundings. For ceiling applications, the standard solution is Perimeter Strip PU.

Example: Stravilink ICH-S with Perimeter Strip



DISCLAIMER

This information is accurate to the best of our knowledge at the time of issue. Information, data and recommendations provided are based on industry accepted testing and prior product usage. It is intended as descriptive of the general capabilities and performance of our products and does not endorse applicability for any particular project. We reserve the right to change products, performance, and data without notice. This document replaces all information supplied prior to the publication hereof.