



H-BLOCK® Roof Membrane Compatibility & Protection Guidelines

H-BLOCK® support bases are manufactured from 100% recycled rubber and are suitable for direct placement on most commercial roofing systems. However, variations in membrane material, surface texture, and manufacturer warranty requirements may require use of a protective H-Pad Slip Sheet. Use this guide as a general reference and always confirm compatibility with your roofing manufacturer and Engineer of Record prior to installation.

H-BLOCK® Rooftop Supports

Suitable for most roofing materials, H-Block Rooftop Support Bases are manufactured in the United States from domestically sourced, 100% recycled rubber and molded into shape.

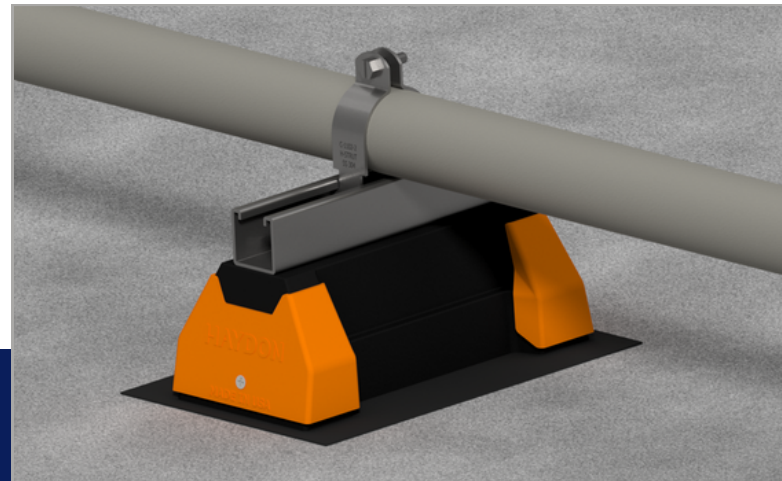
- UV resistant
- No harsh edges
- Compression/deflection: ASTM D575 Modified
- Ozone resistance: ASTM D1171 Modified
- High-visibility end caps: ANSI Z535.1
- Strut channel: ASTM A653 SS Grade 33, G90

See placement recommendations by roof membrane type in the following chart.

H-Pad Slip Sheet

H-Pad Slip Sheets provide an added layer of protection between H-BLOCK® supports and roof membranes where required by roofing manufacturers, project specifications, or specific application conditions.

Made from EPDM rubber. 0.06" thickness, with a variety of width and length sizes available.



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Roof Membrane Type	Direct Placement Allowed?	H-Pad / Slip Sheet Recommended?	Technical Reason / Engineering Note
EPDM (Rubber)	Yes	Optional	Compatible with EPDM's synthetic rubber composition. A slip sheet may be added for extra load distribution on heavy multi-line runs but is not required for standard installations.
TPO (Thermoplastic)**	Yes	Optional	Generally compatible. Repeated thermal expansion and contraction of supported piping may cause surface wear over time; an H-Pad may be recommended as a precaution on long-term or high-traffic installations.
Modified Bitumen (smooth cap sheet)	Yes	Optional	Compatible with smooth or granulated cap sheets. An H-Pad may be recommended in high-temperature climates to reduce the risk of surface indentation.
Concrete / Rooftop Pavers	Yes	Optional	Suitable for direct placement on broom-finished concrete or paver surfaces. An H-Pad may be used where additional cushioning or vibration dampening is desired.
Built-Up Roofing (BUR) , aggregate-surfaced	Yes	Optional	Aggregate/gravel surfaces can create uneven bearing points under a rigid block. An H-Pad Slip Sheet may be recommended to help distribute load evenly.
PVC (Vinyl)	No	Recommended	Extended direct contact between recycled rubber and some PVC membrane formulations has been associated with plasticizer migration, which may affect membrane flexibility over time. Consult your PVC membrane manufacturer and use an H-Pad Slip Sheet or manufacturer-approved separation layer.
Tile	No	Recommended	Tile presents a rigid, often uneven or slightly textured surface with limited flex. A concentrated point load can crack or chip individual tiles over time, and the block's rubber base can shift on the tile's slick or glazed finish. An H-Pad Slip Sheet distributes the load and adds slip resistance to protect the tile.
Metal / Standing Seam	No	Recommended	Smooth metal surfaces present a slip risk and can be damaged by point-load contact. An H-Pad Slip Sheet or equivalent high-grip barrier is required to prevent lateral movement and protect factory or field-applied coatings.
Coated / Smooth Surfaces (e.g., silicone, acrylic, elastomeric coatings)	No	Recommended	These coatings are applied as a thin protective film and can be abraded, scuffed, or worn through by repeated block contact and minor movement from wind or thermal cycling, exposing the substrate beneath. An H-Pad Slip Sheet acts as a sacrificial buffer, protecting the coating and preserving the roof system's warranty.
Spray Polyurethane Foam (SPF)	No	Recommended	SPF roofing surfaces and their protective coatings can be soft and puncture-sensitive. An H-Pad Slip Sheet is required to distribute load and protect the surface. Additional materials may be needed to support the loads and prevent damage.

*** Always confirm** surface compatibility and warranty requirements with your roofing manufacturer and installer prior to installation. This guide reflects general surface characteristics; specific product formulations and coatings vary by manufacturer.

