

SINGLE-PLY PVC ROOF GUIDE



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ROOFING
SHEET METAL & GUTTERS

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WHAT IS PVC?

PVC (polyvinyl chloride) roofing is a single-ply membrane designed for commercial and industrial buildings, offering exceptional durability, energy efficiency, and weather resistance. Made from a combination of PVC resin, plasticizers, stabilizers, and other performance-enhancing ingredients, this roofing system is engineered to withstand harsh conditions, including chemical exposure, fire, and extreme temperatures.

HOW IS PVC INSTALLED?

PVC roofing is installed by first preparing the roof deck and adding insulation, followed by placing a cover board for stability. The membrane is then rolled out in sheets, starting at the roof's lowest point. It can be installed using three methods: fully adhered with adhesive for a smooth, strong surface; mechanically attached with fasteners and plates for wind resistance; or ballasted, where the membrane is held in place by gravel or pavers. The seams are heat-welded together to form a watertight bond, and flashing and edge details are added for waterproofing around penetrations.

BUILDING TYPES THAT USE PVC

PVC roofing is a versatile and durable option for a wide range of commercial and industrial buildings. Known for its long-lasting performance, energy efficiency, and resistance to harsh weather conditions, it is an ideal choice for structures that require reliable, low-maintenance roofing solutions.

- **Healthcare Facilities**
- **Retail Buildings**
- **Warehouses**
- **Distribution Centers**
- **Airports**
- **Multi-Family Housing**
- **Refridgeration Facilities**
- **Educational Institutions**