

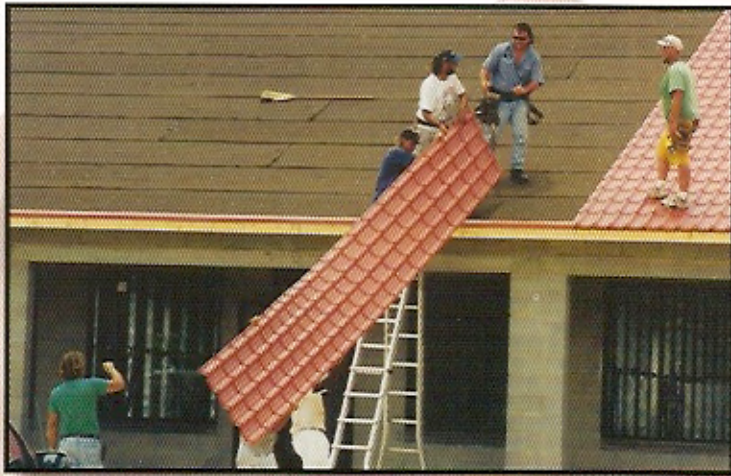
# PERMATILE ROOFING

A Division of Advanced Aluminum



The Classic Look of Tile,  
the Benefits of Metal





### The Classic Look of Tile, the Benefits of Metal

PERMATILE long run roofing panels feature an attractive visual appeal with great strength and security. PERMATILE panels provide substantial installation savings in both time and labor, and offers a degree of architectural freedom. The tile size is fully adjustable, which is ideally suited for low and high pitched roofs. Matching accessories, flashing, and trim ensure a coordinated finish. The features of tile with the practicality and performance of long run metal roofing provides the best of both worlds.



### Best of Both Worlds

PERMATILE offers you the look of tile with all the advantages of metal. The features include:

**Lightweight-** PERMATILE panels are less than 1/10th the weight of traditional concrete tiles and 1/3rd the weight of asphalt shingles.

**Durable-** The 26 gauge galvanized steel panels are manufactured to withstand severe weather and the elements superior to other types of roofing.

**Long run-** Sheets run vertically from eave to ridge and are cut to exact lengths needed.

**Slope-** The PERMATILE panels can be installed on slopes as low as 3:12.

**Wind Uplift-** Panels are fastened with special screws fitted with EPDM washers to ensure a weather-proof seal. This system has been laboratory tested to withstand up to 150 mph winds or 254 PSF under uniform static uplift loads (call for current data).

**Maintenance-** Mold and mildew are also greatly reduced as it does not retain water like concrete tile or asphalt shingles.

**Color Selection-** PERMATILE roofing panels are available in a wide variety of colors to best accentuate your project.



### Perfect for Re-Roofing or New Construction

PERMATILE can be installed over wood decking with felt paper, existing asphalt shingles, or an open framing system. When roofing over existing asphalt shingles, expensive tear-off costs are reduced and landfill space is saved. When ordering PERMATILE the tile steps can be changed to best suit the application.



## Ease Of Installation

The PERMATILE panel provides 28 inches of coverage width. The light weight panels reduce the need for additional structural support. They can be cut to the exact roof measurements, fitting nicely from ridge to eave there by reducing waste. The panels are strong enough to walk on and can be easily fastened (through the high rib in front of each step) using color matched screws fitted with weather resistant EDPM washers. PERMATILE is ideally suited for new installation and renovations alike.



## Coating and Finish

Our low gloss metal products are produced from tension leveled, extra smooth G-90 hot dipped galvanized steel. We offer Duranar<sup>®</sup> high performance coating, which contains fluoropolymer resin (Kynar 500<sup>®</sup> or Hylar 5000<sup>®</sup>) and long lasting pigmentation for the most durable finishes available for metal building components. Duranar<sup>®</sup> coatings are warranted by PPG Industries Inc against fading, chalking, peeling and cracking for 25 years.



## Don't let this happen to you



*The above concrete tile after hurricane Wilma*



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## Benefits of Metal Roofing

**Q. Why should I spend a little more for a metal Roof?**

A. Ordinary roofing materials have higher maintenance needs and shorter life spans than metal and will need to be replaced regularly. The constant increase in material and labor costs, could mean a significant expense over the life of your building. A metal roof virtually never needs to be replaced, saving you money while adding value to your residential or commercial structure.

**Q. What kind of protection does a metal roof offer?**

A. FIRE: A metal roof will not burn or support combustion. WIND: Experience during recent hurricanes has shown that metal roofs out performed other roofing products. WATER: A metal roof does not absorb water, which greatly reduces possible damage to the structure. PENETRATION: A metal roof cannot be punctured by hail or small debris.

**Q. How can a metal roof save money on energy costs?**

A. Metal reflects the majority of the sun's rays, so it doesn't retain as much heat as asphalt shingles, tile, or concrete. Tile shaped roofing such as PERMATILE, creates an air space between the panel and the wood decking working as an insulation for the home. This means a metal roof could help your attic stay cooler longer, leading to a significant reduction in your building's energy costs.

**Q. Is a metal roof noisy when it rains?**

A. The answer is no. When you think of a metal roof, you often think of an open area where the metal roof is exposed from the interior of the building (Barns or commercial buildings for example). When roofing is used for residential buildings, the attic space and the insulation acts as a sound barrier between the living area and the roof.

**Q. How long will a metal roof last?**

A. A PERMATILE metal roof won't dry out, split, curl, peel, or flake like conventional roofing products. Metal roofing has been successfully used for centuries and lasts substantially longer than any other roofing product on the market.

**Q. How good is the paint finish for metal roofing?**

A. PERMATILE roofing panels are painted with a two-coat, high-performance Fluoropolymer with exceptional weathering characteristics. Its durability and color retention are the result of its molecular design. During its application, the molecules in the paint chemically bond to form a finish that resists breakdown by ultra-violet rays and provides the most durable, long-lasting finish available today.