

## PRODUCT INFORMATION GUIDE

### PERFORMA™ STEEL SHINGLES

Performa™ Steel Shingles from Union Corrugating Company provide all the advantages of metal roofing while giving the appearance of a traditional dimensional asphalt shingle. Performa™ Steel Shingles are manufactured from high grade G90 galvanized steel and premium architectural quality Kynar paints. Since the shingles weigh less than a pound per square foot, they are an excellent choice for re-roof applications as well as for new construction.

Performa™ Steel Shingles provide durability at a competitive cost when compared with dimensional asphalt shingles. The benefits of Performa Steel Shingles are long life of the product, low maintenance, energy efficiency as well as resistance to fire, damage from high winds and hail damage. The shingles are environmentally friendly and are an innovative, practical and economical alternative to conventional roofing.

Performa Steel Shingles come with a 50 year limited warranty. Because of the long life and low maintenance costs, a Performa shingle roof can save you 40% or more versus traditional asphalt shingles over the life of your home.

#### *Profile Information*

Performa™ Steel Shingles are 14” wide by 36.5” long. The panel design provides the appearance of a dimensional asphalt shingle. However, our shingles covers twice the area per panel than traditional asphalt shingles. Covering twice the area per panel of conventional shingles, only 34 panels of Performa™ are required to cover 100 square feet of roof area.

#### *Paint Colors, Technical Data and Finish*

The Performa™ Steel Shingle is textured with an embossed pattern. The shingles are available in six (6) attractive colors: Char Brown, Sierra Tan, Rocky Grey, Slate Grey, Forest Green and Mission Red. The paint system, Kynar 500® or Hylar 5000® is a high performance fluoropolymer finish that provides maximum protection from the sun’s harsh UV rays and is non-staining. The fluoropolymer finish is one of the finest paint finishes available and is recognized by architects for its long life, color retention and resistance to fading and chalking. The finish is factory applied and oven baked. The metal can be bent, shaped, crimped and formed after being coated. The paint system is applied and tested in accordance with strictest quality control measures. Field and performance tests include fire resistance, wind uplift, penetration and impact resistance. Tests are independently conducted in accordance with criteria set forth by governing code officials.

#### *Trim*

Valleys, ridge and hip caps, gable and eave trims are available in standard 10-foot lengths. Flat sheets are available in matching colors for field fabrication of custom flashings.

#### *Warranty*

The shingles are backed by a fifty-year limited warranty and a Twenty year limited paint warranty.

#### *Installation*

Install the Shingle horizontally in a left to right manner and staggered from eave to ridge. The Shingles should be fastened to a solid deck with five ring shank roofing nails. The four-way interlock design of the shingle panels guards against wind driven rain and prevents wind uplift. Pre-punched nailing holes are provided to ensure proper fastening of the shingle. Installation is easy since no clips are required. Recommended minimum slope is 3 in 12. See Performa™ installation detail sheet for instructions on installing shingles as well as detailing the application of valley, ridge and trim.

#### *Maintenance*

Performa™ Steel Shingles are fabricated from 29 gauge galvanized steel. The Performa™ Shingle is virtually maintenance free and will not stain. Surface residue can be easily removed by conventional cleaning methods if cleaning is done.

