



Energy Panel Structures, Inc.

603 N. Van Gordon Ave., Graettinger, IA 51342

712-859-3219

232 Semo Lane, Perryville, MO 63775

573-547-8187

www.epsbuildings.com

FINISHES DEVELOPED BY



EPS Premium 26GA Rawhide Steel



85 Rawhide Taupe



86 Rawhide Charcoal



87 Rawhide Black



88 Rawhide Dark Bronze

Finish Overview

Rawhide is a painted metal finish that features a wrinkled surface texture. This texture, achieved during the paint curing process, provides an appealing visual appearance and low-gloss finish. The wrinkled finish features a light, uniform texture and robust, consistent color.

Finish Performance

Rawhide offers excellent weatherability, durability, and flexibility, making it ideal for metal roofing and siding. Rawhide features a wrinkled polyester coating, based on a High Durable Polyester (HDPE) resin. This system offers long-term finish consistency, including excellent color stability, chalk resistance, and gloss retention.

Warranty

Rawhide features a 40-year film integrity (warrants that the surface won't crack, peel, or chip), 30-year color fade, and 30-year chalk warranty (physical UV degradation of the finish).

Installation Considerations

The textured, wrinkle-finish of Rawhide exhibits excellent non-slip properties. This can improve job-site safety for installers when walking on the painted metal surface.

Texture and Dirt Retention

While certain wrinkled surfaces may collect more dirt than similar smooth surfaces, the level of dirt retention demonstrated by this system is consistent with that of SMP and PVDF products. Rawhide is no more susceptible to biological attachment than comparative SMP and PVDF products. As with any painted product, the growth of algae, mold, and mildew is dependent on environmental and climate factors.

To avoid damage from organic material, Steelscape recommends the periodic cleaning of painted metal surfaces. Guidance on periodic cleaning or rinsing can be found in the product warranty.

The above colors are intended as an approximation of actual color supplied.
Available at Iowa Facility Only.



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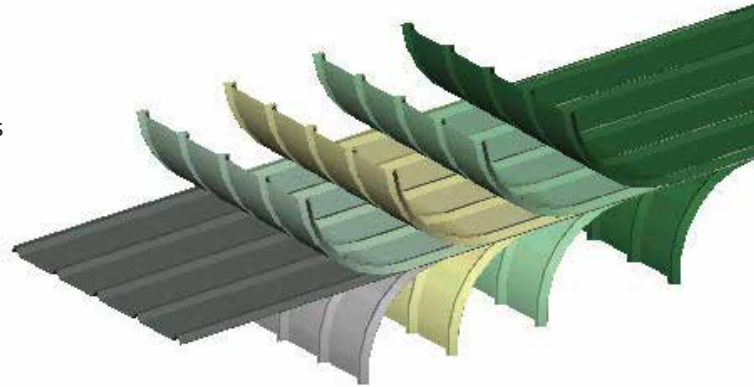


EPS 26 GA. Steel Layer System

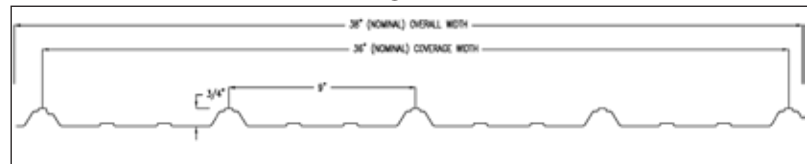
EPS roll forms our own steel. We utilize computer controlled instruments to achieve exact matches of measurements, color and uniformity. Rawhide paint coating carries a 40 year warranty for check, fade, or peel.

1. ASTM A653, Grade 80, G-60 Available in all colors. Check plant for availability.
2. Zinc coating guards against corrosion.
3. Pretreatment provides superior adhesion of the primer.
4. Urethane primer provides additional corrosion protection as well as ensuring permanent bonding of the finish coat.
5. Super Durable Polyester finish coat adds fade-resistant color and long-lasting protection.

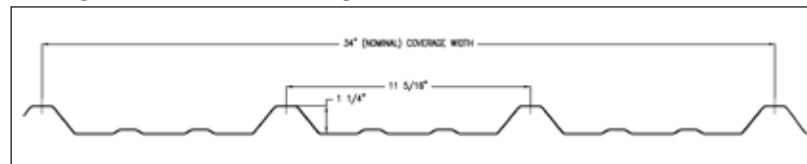
High rib steel is an option for buildings that have lower pitched roof systems. The ribs are 1-1/4" tall. The ribs are 11.33" OC and the steel has 34" wide coverage. Includes #10 x 1-1/2" screw with 5/8" wide oversized washer.



EPS Standard Rib Steel Panel Configuration



EPS High Rib Steel Panel Configuration



The paint systems utilized by Energy Panel Structures, Inc. are based on unique polyester and silicon polyester resins that are extremely flexible. All paint systems employed are designed for longer lasting color and the reduction of white rust corrosion. The paint systems are used in architectural, commercial, and agricultural building panels. Super Durable Polyester paint systems will provide excellent abrasion resistance and durability.

All of the colors have been rigorously tested for performance using the highest standards as set by the National Coil Coaters Association as well as ASTM standards. The tests illustrate that the paint systems utilized are superior to the control standards for film integrity, chalk and fade. We offer a complete coating system, with primers and backers designed to provide optimum field performance in terms of adhesion, fabrication capability, resistance to abrasion and long-term corrosion resistance under normal conditions.



Trim roll formers

Two 3-line trim roll form machines with mandrel 10,000 lb. uncoiler, coil car, and cut to length slitter. EPS also uses three different break presses and standard trims are all hemmed for added strength and aesthetics.



EPS uses all color-matched screw fasteners on our walls and roofs which also carry a limited lifetime warranty.