

**WE COVER AMERICA®**

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Warrior Roofing Manufacturing, Inc  
3050 Warrior Road • Tuscaloosa, Alabama 35404  
www.Warriorroofing.com

Limited  
20 Year Warranty  
**90 Day**  
UV Exposure  
Guarantee

**ELEPHANT SKIN**



Long Lasting and Tough in All Conditions

**WE COVER AMERICA®**

1-800-749-3358  
warriorroofing.com

## **ELEPHANT SKIN®**

### **Underlayment Installation Guideline**

Use under asphalt shingles, tile or metal roofs

**Dimensions:** **ELEPHANT SKIN®** is available in rolls that are 42 inches wide and 286 feet long.

**Preparation:** The deck surface must be dry and free of dust, dirt, loose nails, debris and other protrusions. Damaged sheathing must be replaced.

**Installation:** **ELEPHANT SKIN®** must be installed on a well ventilated roof with a pitch of 3/12 or greater. **ELEPHANT SKIN®** is laid horizontally parallel to the eave of the roof with the printed side up. Overlaps run with the natural flow of water in a shingling manner, minimum 3 inch horizontal laps and minimum 6 inch vertical laps. Use straight blade utility knife or scissors to cut.

**Fastening:** **ELEPHANT SKIN®** is attached to the roof deck with a 4d – 8d corrosion-resistant steel or stainless steel ring shank fasteners, having 1-inch diameter corrosion-resistant metal round cap, plastic round cap, corrosion-resistant ¾" (minimum) EG or hot dipped galv roofing nails. Use of corrosive resistant 3/8" head x 1" smooth leg roofing nails is acceptable only if primary roofing will be installed within 24 hours of **ELEPHANT SKIN®** installation. Place fasteners a minimum of 6" – 12" O.C. or as needed at all seams to securely hold in place.



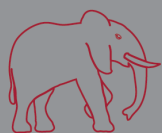
**SYNTHETIC ROOFING UNDERLAYMENT**





## Long Lasting Protection in All Conditions

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**ELEPHANT SKIN®** is a high-quality economical synthetic underlayment that meets or exceeds the applicable standards of ASTM D226, ASTM D4869, ASTM D4533, ICC-ES AC207 and Canadian standard CSA A123.3-05 with a 20-year warranty.

## FEATURES

**Lightweight** — 24lbs per 1000 ft<sup>2</sup> roll

**Strong** — Over 20 times stronger than traditional felt

**Cost Effective** — Our 1000 ft<sup>2</sup> roll can save in labor and time expense

**Versatility** — Flexible down to -40°F and heat resistant to 240°F makes **ELEPHANT SKIN®** the perfect underlayment choice for high-quality asphalt, tile and metal roofs

**Durability** — **ELEPHANT SKIN®** synthetic underlayment is extremely durable to the harshest weather conditions and, with proper installation, will not buckle or tear-off when wet and can protect your project for up to 90 days before final roofing is installed

**Slip Resistant Surface\*** — **ELEPHANT SKIN®** has a textured walking surface for improved traction

\*Due to the nature of roofing, fall protection consistent with OSHA guidelines for roofing should be used (guardrail systems with toe boards, safety net systems or personal fall arrest systems).

Full technical data and warranty information is available at [www.warriorroofing.com](http://www.warriorroofing.com)

## SPECIFICATIONS

Roll size: 42" x 286'

Roll weight: 24lbs

Rolls & weight per pallet: 49 rolls, approximately 1230lbs

36 pallets of Elephant Skin® per truck load

## PHYSICAL PROPERTIES OF ELEPHANT SKIN®:

Properties	Standard	Elephant Skin®
Tearing Strength	ASTM D4533 & D1922-00a	MD – 24.6lbs CD – 28.1lbs
Breaking Strength	ASTM D226 & D146, CSA A123.3-05	MD – 64lbs CD – 66lbs
Pliability	ASTM D226, D146 & D4869, CSA A 123.3-05, ICC-ES AC48	PASS
Liquid Water Transmission	ASTM D4869, CSA A 123.3-05	PASS
Heating Loss	ASTM 4869, D226 & D146, CSA A 123.3-05	PASS
Unroll ability	ASTM D226 & D4869, CSA A 123.3-05	PASS
Dimensional Stability	ASTM D486	PASS
Accelerated Aging	ICC-ES AC207	PASS