



POST DEFENSE

Ten Year Limited Warranty Turned Porch Post

ALL POST DEFENSE POSTS REQUIRE PAINTING PRIOR TO INSTALLATION

Decay Thrives on Moisture

Decay damage is a major concern of everyone who owns property. And it's no wonder! Current estimates show that replacement material, required to repair decay damage, consumes up to 10% of the U.S. annual wood production.

Although wood looks and feels solid, it's actually made of millions of porous, thick-walled cells that are bound together. And given the right conditions, decay fungi can thrive, break down this cellular structure, and ultimately destroy wood. The greatest risks for decay are at exposed wood ends such as the bottom ends of porch posts where moisture is more readily absorbed than on the side surfaces. Once decay has begun, it offers a natural environment for termites and other wood-destroying insects, which can cause additional, serious damage to the wood's integrity.

Decay needs certain conditions to thrive, including:

1. A moisture content of about 25% or higher
2. Oxygen
3. Food
4. A temperature in the general range of 45 degrees to 100 degrees Fahrenheit

Among these conditions, controlling moisture is the most practical means of preventing or inhibiting the growth of decay. However, many conditions exist where moisture cannot be completely controlled. In these circumstances, **Post Defense** provides an effective preservative system for the prevention and control of moisture and fungal decay in wood.

Turncraft's **Post Defense** Posts have a factory applied acrylic primer. This acrylic primer is formulated to provide a high-quality base for a wide variety of commercially available topcoats with good resultant adhesion and durability. **This primer prepares the surface of the posts for the topcoat, but will not seal out the moisture and require painting. A high quality latex based exterior paint is required to protect the post from moisture.**

Post Defense Porch Posts are sealed with a technically advanced moisture barrier seal at the bottom end. This barrier needs to be left intact to help prevent moisture from wicking into the bottom of the post. **The bottom and top of the post need to be painted with two primer coats and two top coats of a high quality latex based exterior paint. Lastly a high quality caulking needs to be spread on the ends to keep moisture out.** The posts need to be installed on a plastic or an aluminum plinth to elevate them above any moisture. **All surfaces need at least two coats of high quality latex based exterior grade paint.** All of these steps need to be done prior to installation.

10 Year Limited Warranty

Turncraft warrants that its **Post Defense** Porch Post, if properly stored, transported, used and installed according to the following Care and Finishing Instructions, will be free of rot and decay for 10 years from the date of the original installation*. If a **Post Defense** Porch Post that is the subject of this 10 Year Limited Warranty fails during the warranty period for reasons covered by this 10 Year Limited Warranty, Turncraft will replace the product with a product that is functionally at least equal to the product being replaced and may provide up to \$100.00 in labor costs.

Care and Finishing Instructions Post Defense Turned Porch Posts

1. The porch post must not be cut or trimmed from the bottom. The moisture seal must be left intact; any trimming must be from the top end of the porch post to maintain the warranty.
2. Store in a clean, dry area -not in damp, moist, or extremely humid environments. Wood is hygroscopic and dimensionally influenced by changes in moisture content caused by its surrounding environment.
3. Mark location of post on beam and platform. The measure each post height from beam to platform. Cut to length minus space for Quick-Mount plastic plinth, elevated bracket, or aluminum plinth on bottom of post.
4. Drill platform for Quick-Mount plinth anchoring screw. Drive screw to proper depth. Test connection before attaching to post. If using an elevated bracket or aluminum plinth, follow the manufacturer's anchoring instructions.
5. **All surfaces must be primed and painted with a minimum of two coats of high quality latex based exterior grade paint and the ends must be sealed with caulk.**
6. Attach Quick-Mount plinth to post bottom, erect post, and drive into position under beam and onto plinth anchoring screw. Drill holes for attaching post to beam, then caulk before using screws to secure.
7. Field repairs and touchups are the responsibility of the installing contractor and painter. Field touchups shall include (but are not limited to) the filling of nail or screw holes, refinishing of raw surfaces resulting from job fitting, repair of job-inflicted scratches and mars, and the final cleaning of surfaces prior to painting.
8. Surfaces to be painted must be thoroughly dry and free of dust, dirt, oil, grease, wax, chalk, and other contaminants.
9. Temperature and humidity have a major effect on drying and may affect paint film characteristics. Paint should be applied at product, surface, and air temperatures between 50 and 90 degrees Fahrenheit, unless the product label specifies differently. Relative humidity should be below 85.
10. Primer is formulated to provide a high-quality base for a wide variety of commercially available topcoats with good resultant adhesion and durability. Because it is designed to accept topcoats, a primer by nature is highly filled (flat) and will chalk and break down with UV exposure if not top-coated. **A MINIMUM OF TWO COATS OF HIGH-QUALITY ACRYLIC PAINT MUST BE APPLIED BEFORE INSTALLATION.** Each coat of paint should be applied evenly. Make certain that the surfaces are dry before applying another coat. Again, be sure to apply paint in accordance with the manufacturer's instructions.
11. **ROUTINE PAINTING AND MAINTENANCE MUST BE PERFORMED AS NECESSARY TO MAINTAIN A PROPERLY PAINTED AND SEALED SURFACE.**

*Warranty is limited to posts purchased/installed in the 48 continental United States.