COMMON MAINTENANCE CONCERNS

The continuous changes in weather conditions are extremely harsh on your fence. Your maintenance plan must be geared to combat the problems caused by water absorption and water loss, mildew growth, and discoloration of the wood due to the sun's ultraviolet light.

All of the maintenance concerns discussed below are weather related. The degree to which your fence is affected by them depends on many factors. These factors include general climate conditions (such as normal precipitation, humidity, etc.) and location in your yard (with regard to direct sun exposure, foliage coverage, etc.).

SWELLING & SHRINKING

Continuous water absorption and water loss in the wood used for your fence will cause its natural defects to surface. The most common are:

- Check
- Split
- Twist
- Cup/Warp

A well maintained fence will still experience some of these natural defects. However, the extent can be significantly reduced through a maintenance plan.

MILDEW GROWTH

Whenever wood, including pressure treated, is constantly exposed to moist or humid conditions, it will mildew. This results in an unsightly appearance. Your preventative maintenance plan will need to include cleaning your fence with a cleaner containing a mildewcide. This will insure that your fence will remain bright and attractive.

ULTRAVIOLET PROTECTION

Without any preventative steps taken to block the sun's ultraviolet rays, the surface cells of the wood on your fence will begin to discolor to the familiar weathered gray. Although some of you may prefer this, others won't. If you want to maintain the natural wood color, you will need to not only clean/brighten your fence periodically, but also to choose a water repellent finish with an ultraviolet stabilizer. The stabilizer will not prevent eventual discoloration, but will slow down the process. Periodic reapplication of a UV stabilizer will help in this effort over an extended period of time.

INITIAL MAINTENANCE

1. Start by cleaning your fence with a cleaner/brightener that contains a mildewcide. Because your fence is new, this step is truly preventative.

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2. Next, apply a topical sealant for surface protection. Do not use a conventional multicoat paint system or varnish. The performance is nearly always disappointing, and repainting often has to be preceded by scraping and sanding. Instead choose either a pigmented or clear outdoor wood sealer. Unlike true paints, these sealers allow moisture vapor to leave the wood slowly after the coating has been applied. For that reason, either can be applied as soon as the surface no longer looks wet. Your choice of sealer should include not only a water repellent, but also a UV stabilizer to slow the discoloration process. You may want to cover or protect surrounding plants before applying a sealant. Be sure to follow the manufacturer’s instructions.

**FIRST YEAR MAINTENANCE**

1. Reapply cleaner/brightener as described in initial maintenance, as well as another application of your outdoor wood sealant. The topical water repellent and ultraviolet stabilizer will keep your outdoor project looking fresh.

2. Complete your first year maintenance after 12 months.

* Remember, even consistent maintenance will not prevent the natural defects of wood from surfacing - but your efforts can minimize them.

**FUTURE PERIODIC PREVENTATIVE MAINTENANCE**

1. Depending on the location of your fence, with regard to direct sun exposure, foliage coverage, etc., it may be sufficient to clean/brighten and recoat every two years.

2. If you decide to wait two or more years to perform your next cleaning/brightening, you may want to use a power washer. Be sure that the cleaner/brightener you use contains a mildewcide.

3. After every cleaning reapply an outdoor wood sealer that contains both a water repellent and ultraviolet stabilizer.

Your maintenance efforts will give you a fence that will look bright and fresh for years to come!

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