Treated Wood/Fastener Information Handout

New requirements for pressure treated wood

A change has developed in how pressure treated wood is being manufactured for residential uses. For years the wood industry has used a product called CCA to produce treated lumber products. As of December 2004, CCA will no longer be sold for any residential use.

The new product designation tags on lumber are:

- ACQ - Alkaline Copper Quarternary.
- CBA - Copper Azole.
- SBX - Sodium Borate.

Note: Sodium Borate may not be used for outdoor applications. It may be used in areas protected from the elements, i.e, sill-plates, joists completely protected from direct moisture, etc.

New fastening devices necessary

These new wood treatments are more corrosive in nature and must have a heavier galvanized or stainless steel product used for all the fastening devices, such as the bolts, nails, screws, brackets and joist hangers.

Lumber suppliers are taking a pro-active stance and posting notifications of the changes by the lumber and fastener sections in their businesses.

Some of the fastener designations you should look for are:

- Triple zinc.
- G-185.
- G-90.
- Post hot-dip galvanized - HDG.
- 304 and 316 stainless steel.
- Polymer coated.

Check with an expert at the place of purchase to verify you have the correct materials to complete your project.

If you have any questions please contact the Building Inspection Division at 952-563-8930.

Aluminum should not be in contact with the new treated woods. **This means the flashing between your house and the deck should be galvanized, stainless steel or vinyl.** *Do not mix and match metal products.* **If your joist hangers are stainless steel, then your nails must be stainless steel. The same would apply to any galvanized products.**

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