

ACQ Preserved Wood Fastener Information Sheet

Fasteners (and other metal products) for use with ACQ preserved wood products

- **Hot-Dip Galvanized***

Fastener and hardware manufacturers have suggested the minimum Hot-Dip Galvanized requirements for use with treated wood should conform to the following ASTM Standards: ASTM-A153 (for Hot-Dip fastener products) and ASTM-A653 (Coating Designation G-185 for Hot-Dip connector and sheet products).

- **Stainless Steel**

Stainless steel fasteners and connectors are required for Permanent Wood Foundations below grade and are recommended for use with treated wood in other severe exterior applications such as swimming pools, salt water exposure, etc. - Type 304 and 316 are the recommended grades to use.

- **Other fasteners and hardware as recommended by the manufacturer**

There may be additional products (other than stainless steel or hot-dip galvanized) which are suitable for use with ACQ preserved wood. Please consult with the individual fastener or hardware manufacturer for recommendations for use of their products with ACQ preserved wood.

- **Aluminum should not be used in direct contact with ACQ preserved wood**

Spacer materials or other physical barriers are recommended to prevent direct contact of ACQ preserved wood and aluminum products.

These fastener recommendations are comparable to fastener recommendations from other wood preservative manufacturers of ACQ and Copper Azole.

*Electroplated galvanized fastener and metal products are typically not accepted by the building codes for use in exterior applications, regardless of the type of wood used.

2003 International Residential Code - Fastener Statement - section R319.3



“Fasteners for pressure-preservative treated wood shall be of hot-dipped galvanized steel, stainless steel, silicon bronze or copper. Exception: One-half inch (12.7mm) diameter or greater steel bolts.”

See back of sheet for list of hardware manufacturers that recommend hardware for use with Alkaline Copper Quaternary treated wood.

List of hardware manufacturers that recommend hardware for use with Alkaline Copper Quaternary treated wood**

| Manufacturer | Product Type |
|-----------------------------------|-----------------------------------------------------------------------------|
| FASTAP Inc. | FASTAP Plus with DuraCoat XT Exterior Screws |
| GRK Fasteners | GRK Climatek Coated Screws |
| The Hillman Group | Hillman Stainless Steel Screws |
| The Hillman Group | Hillman Ceramic Coated Screws |
| Maze Nails | Double Hot-Dipped Zinc Coated Stormguard® Nails |
| National Nail Corporation | Profit™ Platinum Series Premium Screws |
| Olympic Manufacturing Group, Inc. | Fasten Master Guard Dog Pressure Treated Deck Screw |
| Osmose | ProDrive Outdoor Screws |
| Phillips Fastener Products, Inc. | DeckMate® Screws with Evercoat® Coating |
| Phillips Fastener Products, Inc. | Phillips II® Screws with Durafast® Coating |
| Plating Technology, Inc. | PT2000 Screws |
| Plating Technology, Inc. | PT2000 Nails |
| Primesource Building Products | PrimeGuard Plus - Coated Screws |
| Quick Drive USA, Inc. | QuickGard and N2000 Coated Screws |
| Renown Specialities Co., Ltd. | TIMBERTIE® Triple-Zinc G-185 Lumber Connectors |
| Simpson Strong-Tie® Co., Inc. | ZMAX (G-185) Hot-Dip Galvanized (Min.) or Stainless Steel Connectors (Max.) |
| Stanley Bostitch | THICKCOAT Nails |
| Starborn Industries, Inc. | Headcote Color Coated Heads Stainless Steel Screws |
| Swan Secure Products | Swaneze Deck Screws - 304 and 316 Stainless Steel |
| Swan Secure Products | A.F.D. Nails - 304 and 316 Stainless Steel |
| Swan Secure Products | Swan Stainless Steel Nails for pneumatic nail guns |
| USP Structural Connectors™ | Triple Zinc G-185 Connectors (Min.) or Stainless Steel (Max.) |
| York Manufacturing, Inc. | York Shield 106 Flashing & Termite Shield |

View an updated list of recommended fasteners at [www. ufpi.com](http://www.ufpi.com)

**This information sheet contains general information only. Please refer to hardware manufacturer's product literature or website for manufacturer's recommendations and further information.



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