

## ACQ Preserve® Lumber and Plywood

### American Wood Protection Association (“AWPA”) Summary Information

**PLEASE NOTE: THIS INFORMATION IS FOR GENERAL INFORMATION ONLY. IF YOU ARE SPECIFYING PRODUCTS, IT IS RECOMMENDED THAT YOU GO DIRECTLY TO THE MOST CURRENT AWPA BOOK OF STANDARDS FOR THE LATEST INFORMATION.**

ACQ Preserve® is wood treated with ACQ®, a copper plus quat preservative system that provides long-term protection from rot, decay and termites for a wide variety of residential, commercial and industrial building applications. The ACQ is mixed in a low concentration with water, and then applied to the wood under vacuum pressure to ensure good penetration and retention.

PWP treats with ACQ Type D at its Oregon, California and Arizona facilities. It also has ACQ Type B in Oregon.

<b>ACQ Type D Retentions, by Species and Use Category</b>						
<b>SAWN PRODUCTS (Commodity Specification A)</b>						
AWPA Use Category	Ponderosa Pine, Red Pine, Eastern White Pine	Jack Pine Lodgepole Pine	Western White Spruce, Engelmann Spruce, Sitka Spruce	Spruce-Pine-Fir West, Spruce Pine Fir	Coastal Douglas fir	Hem-fir, Hem-fir North, Eastern Hemlock, Subalpine fir
UC1	.25 pcf	.25 pcf	N/A	N/A	.25 pcf	.25 pcf
UC2	.25 pcf	.25 pcf	N/A	N/A	.25 pcf	.25 pcf
UC3A	.25 pcf	.25 pcf	N/A	N/A	.25 pcf	.25 pcf
UC3B	.25 pcf	.25 pcf	N/A	N/A	.25 pcf	.25 pcf
UC4A	.40 pcf	.40 pcf	.40 pcf	N/A	.40 pcf	.40 pcf
UC4B	.60 pcf	.60 pcf	.60 pcf	.60 pcf	.60 pcf	.60 pcf
UC4C	.60 pcf	.60 pcf	.60 pcf	.60 pcf	.60 pcf	.60 pcf

<b>ACQ Type B Retentions, by Species and Use Category</b>						
<b>SAWN PRODUCTS (Commodity Specification A)</b>						
AWPA Use Category	Ponderosa Pine, Red Pine, Eastern White Pine	Jack Pine Lodgepole Pine	Western White Spruce, Engelmann Spruce, Sitka Spruce	Spruce-Pine-Fir West, Spruce Pine Fir	Coastal Douglas fir	Hem-fir, Hem-fir North, Eastern Hemlock, Subalpine fir
UC1	.25 pcf	.25 pcf	.25 pcf	N/A	.25 pcf	.25 pcf
UC2	.25 pcf	N/A	.25 pcf	N/A	.25 pcf	.25 pcf
UC3A	.25 pcf	N/A	.25 pcf	N/A	.25 pcf	.25 pcf
UC3B	.25 pcf	N/A	.25 pcf	N/A	.25 pcf	.25 pcf
UC4A	.40 pcf	N/A	.40 pcf	N/A	.40 pcf	.40 pcf
UC4B	.60 pcf	N/A	.60 pcf	N/A	.60 pcf	.60 pcf
UC4C	.60 pcf	N/A	.60 pcf	N/A	.60 pcf	.60 pcf

<b>ACQ Type D Retentions, by Species and Use Category POSTS (Commodity Specification B)</b>					
<b>AWPA Use Category</b>	<b>Ponderosa Pine</b>	<b>Jack Pine</b>	<b>Douglas-Fir</b>	<b>Western Hemlock</b>	<b>Western Larch</b>
UC4A	N/A	N/A	N/A	N/A	N/A
UC4B	N/A	N/A	N/A	N/A	N/A
MODIFIED EXPOSURE – FARM USE	N/A	N/A	N/A	N/A	N/A

<b>ACQ Type B Retentions, by Species and Use Category POSTS (Commodity Specification B)</b>					
<b>AWPA Use Category</b>	<b>Ponderosa Pine</b>	<b>Jack Pine</b>	<b>Douglas-Fir</b>	<b>Western Hemlock</b>	<b>Western Larch</b>
UC4A	.40 pcf	N/A	.40 pcf	.40 pcf	.40 pcf
UC4B	.50 pcf	N/A	.50 pcf	.50 pcf	.50 pcf
MODIFIED EXPOSURE – FARM USE	.60 pcf	.60 pcf	.60 pcf	.60 pcf	.60 pcf

PLEASE NOTE: N/A = Not Applicable. Per AWPA, either no proposal for standardization has been submitted to AWPA for these species, or the use of the preservative/species combination has been proven ineffective.

Other important information about borates:

1. ACQ is approved for three formulations in AWPA. Types B, C and D. Type C is no longer available from the manufacturer. Type B is an ammonia-based system. Type D contains a combination of ammonia and amine.
2. ACQ Preserve is manufactured with water as a carrier for the preservative. The AWPA BOS lists ACQ under its P5 standard, the standard for waterborne preservatives.
3. Why choose ACQ-treated wood? ACQ is approved for many uses and has a long history of efficacious performance. It has earned several positive environmental awards and does not contain arsenic or chromium. It is competitively priced and successfully treat the sometimes difficult to penetrate west coast species.