



**Table 9: Round Timber Piling, Commodity Specification E  
Southern Pine Preservatives and Retentions<sup>1</sup>**

AWPA Use Category (UC) Designation	Waterborne		Oilborne			Creosote (CR, CR-PS, CR-S)	
	Copper Azole (CA)	Copper Quat - (ACQ, Micronized Copper)	Chromated Copper Arsenate (CCA)	Copper Naphthenate (CuN)	Pentachlorophenol - A&C (PCP)		
<b>End-Use Commodity</b>	Minimum Retention Requirements — Pounds per Cubic Foot (pcf)						
Land or Fresh Water Use & Foundations	4C	0.41	0.80 <sup>4</sup>	0.80	0.10	0.60	12.0
Sawn piles, see Table 5A							

**Table 10: Marine (Salt Water), Commodity Specification G<sup>1</sup>  
Southern Pine Preservatives and Retentions**

AWPA Use Category (UC) Designation	Chromated Copper Arsenate (CCA)	Creosote (CR, CR-PS, CR-S)	Minimum Retention Requirements — Pounds per Cubic Foot (pcf)	
<b>End-Use Commodity</b>				
<b>Piles, round</b>				
New Jersey & San Francisco Bay, North	5A		1.5	16.0 <sup>6</sup>
Mid-Atlantic & San Francisco Bay, South	5B		2.5	20.0 <sup>6</sup>
Florida, Gulf Coast, Puerto Rico, Hawaii	5C		2.5	20.0 <sup>6</sup>
<b>Dual Treatment</b>				
First treatment	5B-C		1.0	
Second treatment	5B-C			20.0 <sup>6</sup>
Freshwater Use, see Table 9				
<b>Piles, sawn</b>				
<b>Dual Treatment</b>				
First Treatment	5A-C		1.5	
Second Treatment	5A-C			20.0 <sup>6</sup>
<b>Glulam Timber<sup>8</sup></b>				
<b>Dual Treatment</b>				
First treatment	5A-C		1.5	
Second treatment	5A-C			20.0 <sup>6</sup>
<b>Solid Sawn Lumber, Plywood, Sheet Pile, Bulkhead Sheathing &amp; Ties, mine/bridge</b>				
	5A-C		2.5	25.0 <sup>6</sup>
<b>Lumber/Timbers, Marine Out of Water</b>				
Salt Water Splash, see Table 5A				

**ON THE JOB SITE,  
KEEP IT SIMPLE AND FOLLOW THE LABEL**

To avoid misuse on the job site, framing crews should follow instructions on required labels affixed to treated wood products, usually a plastic end tag or ink stamp (see page 12). Following are terms and abbreviations typical found on these labels.

**Above Ground Use applications:**

- Continuously Protected from Liquid Water
- General Use Framing Lumber
- Vertical Use Fence Boards
- Decking Use Only

**Ground Contact Use applications:**

- Ground Contact (Fresh Water)

**Foundation Use applications:**

- Permanent Wood Foundation (PWF, FDN)

**Marine Grade applications:**

- Marine
- Seawall (This Side Seaward)

**Footnotes for Tables 6-10**

(1) Preservatives and retentions listed in Tables 6-10 are derived from the American Wood Protection Association (AWPA) *Book of Standards, 2008 Edition*. The terms "Commodity Specification" and "Use Category (UC)," copyright AWPA. (2) ACQ-D not recommended. (3) ACQ-B and MCQ only. (4) ACQ-C only. (5) CR only. (6) CR and CR-S only. (7) For above ground use only, such as supports resting on footings above grade. (8) Glulam included in Marine Commodity Specification G per AITC 109-2007, American Institute of Timber Construction, *Standard for Preservative Treatment of Structural Glued Laminated Timber*.

**OTHER SOURCES OF TREATED WOOD PRODUCT INFORMATION:**

American Wood Council [www.awc.org](http://www.awc.org)  
 American Wood Protection Association [www.awpa.com](http://www.awpa.com)  
 APA [www.apawood.org](http://www.apawood.org)  
 Creosote Council [www.creosotecouncil.org](http://www.creosotecouncil.org)  
 ICC Evaluation Service [www.icc-es.org](http://www.icc-es.org)  
 North American Wood Pole Council [www.woodpoles.org](http://www.woodpoles.org)  
 Penta Council [www.pentacouncil.com](http://www.pentacouncil.com)

Railway Tie Association [www.rta.org](http://www.rta.org)  
 Southern Pressure Treaters' Association [www.spta.org](http://www.spta.org)  
 Timber Piling Council [www.timberpilingcouncil.org](http://www.timberpilingcouncil.org)  
 Western Wood Preservers Institute [www.wwpinstitute.org](http://www.wwpinstitute.org)  
 Wood Preservation Canada [www.woodpreservation.ca](http://www.woodpreservation.ca)  
 Wood Preservative Science Council [www.woodpreservativescience.com](http://www.woodpreservativescience.com)