

SPECIFYING POSTS – Round, Half-round and Quarter Round

WPC – 08-2022

Preservative Treatments – Posts									
UC4.2 – Ground Contact or freshwater – Moderate and /or Severe Decay									
Species Group	Preservative System Retention - kg/m ³ *								
	ACQ-C	ACQ-D	ACZA	CA-B	CCA	CR	CR-PS	CuN	PCP
Jack pine	NR	NR	9.6	5.0	9.6	145	145	NR	7.2
Lodgepole pine	9.6	9.6	9.6	5.0	9.6	192	192	1.5	9.6
Ponderosa pine	9.6	9.6	9.6	5.0	9.6	120	120	1.3	6.1
Red pine	9.6	9.6	9.6	5.0	9.6	160	160	NR	8.0
Southern pine	9.6	9.6	9.6	5.0	9.6	120	120	1.3	6.1
Western hemlock**	NR	NR	9.6	NR	9.6	145	145	NR	7.2
Engelmann, red and western white spruce	NR	NR	9.6	NR	9.6	240	240	NR	12.2
Coastal Douglas fir**	NR	NR	9.6	NR	9.6	145	145	1.5	7.2
Western larch**	NR	NR	9.6	NR	9.6	240	240	NR	12.2
Poplar	NR	NR	9.6	NR	9.6	NR	NR	NR	NR
Red alder	NR	NR	9.6	NR	9.6	NR	NR	NR	NR

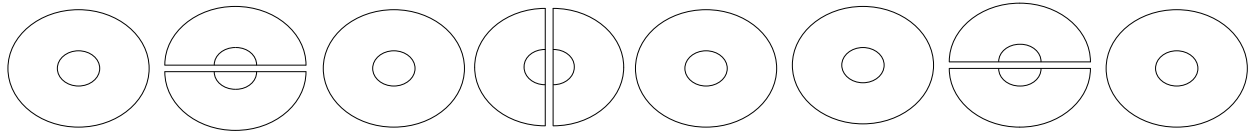
** Round posts only
 * Retention levels vary by species and preservative system – Refer to CAN / CSA O80.1-15 Table 14 for complete details.
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Playground and Residential Products

Pressure treated posts for use in playground or residential applications are restricted to Use Category UC4.1 and the following preservative systems.

Preservative Systems Used in Treatment of Playground Equipment and Residential Uses‡		
Chemical Name	Abbreviation	Allowable Use Categories
Alkaline Copper Quat Type A	ACQ – A	UC4.1
Alkaline Copper Quat Type C	ACQ - C	UC4.1
Alkaline Copper Quat Type D	ACQ - D	UC4.1
Copper Azole Type B	CA-B	UC4.1
Micronized Copper Azole	MCA	UC4.1
Micronized Copper Quat	MCQ	UC4.1

‡ Treatment of products for Playground Equipment and Residential Use are restricted to the above preservative systems



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UC4.1 – Ground Contact or freshwater						
Species Group	Preservative System Retention - kg/m ³ *					
	ACQ-A	ACQ-C	ACQ-D	CA-B	MCA	MCQ
Jack pine	NR	NR	NR	3.3	NR	NR
Lodgepole pine	6.4	6.4	6.4	3.3	3.3	6.4
Ponderosa pine	6.4	6.4	6.4	3.3	3.3	6.4
Red pine	6.4	6.4	6.4	3.3	3.3	6.4
Southern pine	6.4	6.4	6.4	3.3	3.3	6.4

‡ Treatment of products for Playground Equipment and Residential Use are restricted to the above preservative systems
 * Retention levels vary by species and preservative system – Refer to CAN / CSA O80.1-15 Table 14 for complete details.
 *Source: © 2015 Canadian Standards Association

Product registration

Wood preservatives and their uses are regulated by Health Canada’s Pest Management Regulatory Agency (PMRA).

Recommended Reference Standards

CAN / CSA – O80 Series – 15 Wood Preservation© – Revised August 2017*
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