

SPECIFYING POLES – Agricultural – Highway - Lighting

WPC – 09-2023

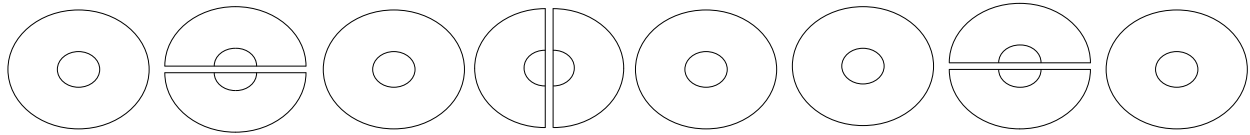
| Preservative Treatments – Structural Poles – UC4.1 | | | | | | | | |
|--|---|-------|------|------|------|-----|-----|------|
| UC4.1 – Ground Contact or Freshwater – Low Decay | | | | | | | | |
| Species Group | Preservative System Retention – kg/m ³ * | | | | | | | |
| | ACQ-C | ACQ-D | ACZA | CA-B | CCA | CR | CuN | PCP |
| Eastern white pine | NR | NR | 9.6 | NR | 9.6 | 145 | 1.5 | 7.2 |
| Jack pine | NR | NR | 9.6 | NR | 9.6 | 145 | 1.5 | 7.2 |
| Lodgepole pine | NR | NR | 9.6 | NR | 9.6 | 192 | 1.5 | 9.6 |
| Ponderosa pine | 9.6 | 9.6 | 9.6 | 5.0 | 9.6 | 120 | 1.3 | 4.8 |
| Red pine | 9.6 | 9.6 | 9.6 | 5.0 | 9.6 | 160 | 1.2 | 6.4 |
| Southern pine | 9.6 | 9.6 | 9.6 | 5.0 | 9.6 | 120 | 1.3 | 4.8 |
| Western Hemlock | NR | NR | 9.6 | NR | 9.6 | 145 | NR | 7.2 |
| Coastal Douglas fir | NR | NR | 9.6 | NR | 9.6 | 145 | 1.5 | 7.2 |
| Interior Douglas fir | NR | NR | 9.6 | NR | 9.6 | 240 | NR | 12.2 |
| Western larch | NR | NR | 9.6 | NR | 9.6 | 240 | NR | 12.2 |
| Western red cedar | NR | NR | 9.6† | 5.0 | 9.6† | 256 | 1.9 | 12.8 |
| Yellow cypress | NR | NR | 9.6 | NR | 9.6 | 256 | 1.9 | 12.8 |

† If the pole is incised in the groundline zone, the retention shall be 16 kg/m³ in the groundline zone and 4.8 kg/m³ in the midpoint area* *Refer to CAN/CSA O80.1-21 Table 16 for complete details
 Source - CAN/CSA-O80 Series-21 Wood preservation. © 2021 Canadian Standards Association

| Preservative Treatments – Structural Poles – UC4.2 | | | | | | | | |
|--|---|-------|------|------|------|-----|-----|------|
| UC4.2 – Ground Contact or Freshwater, High Decay | | | | | | | | |
| Species Group | Preservative System Retention – kg/m ³ * | | | | | | | |
| | ACQ-C | ACQ-D | ACZA | CA-B | CCA | CR | CuN | PCP |
| Eastern white pine | NR | NR | 9.6 | NR | 9.6 | 192 | 1.9 | 9.6 |
| Jack pine | NR | NR | 9.6 | NR | 9.6 | 192 | 1.9 | 9.6 |
| Lodgepole pine | NR | NR | 9.6 | NR | 9.6 | 260 | 1.9 | 12.8 |
| Ponderosa pine | 9.6 | 9.6 | 9.6 | 5.0 | 9.6 | 145 | 2.1 | 6.1 |
| Red pine | 9.6 | 9.6 | 9.6 | 5.0 | 9.6 | 192 | 1.5 | 8.0 |
| Southern pine | 9.6 | 9.6 | 9.6 | 5.0 | 9.6 | 145 | 2.1 | 6.1 |
| Western Hemlock | NR | NR | 9.6 | NR | 9.6 | 192 | NR | 9.6 |
| Coastal Douglas fir | NR | NR | 9.6 | NR | 9.6 | 192 | 2.4 | 9.6 |
| Interior Douglas fir | NR | NR | 9.6 | NR | 9.6 | 240 | NR | 12.2 |
| Western larch | NR | NR | 9.6 | NR | 9.6 | 240 | NR | 12.2 |
| Western red cedar | NR | NR | 9.6† | 5.0 | 9.6† | 256 | 1.9 | 12.8 |
| Yellow cypress | NR | NR | 9.6 | NR | 9.6 | 256 | 1.9 | 12.8 |

† If the pole is incised in the groundline zone, the retention shall be 16 kg/m³ in the groundline zone and 4.8 kg/m³ in the midpoint area* *Refer to CAN/CSA O80.1-21 Table 16 for complete details
 Source - CAN/CSA-O80 Series-21 Wood preservation. © 2021 Canadian Standards Association





SPECIFYING POLES – Agricultural – Highway - Lighting

WPC – 09-2023

Product registration

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

Recommended Reference Standards

CAN / CSA – O15 – 21 Wood Utility Poles and Reinforcing Stubs®

CAN / CSA – O80 Series – 21 Wood Preservation®

Source © 2021 Canadian Standards Association

With the permission of Canadian Standards Association, (operating as “CSA Group”), 178 Rexdale Blvd., Toronto, ON, M9W 1R3, material is reproduced from CSA Group’s standard **CAN/CSA-O80 Series 15 Series – Wood Preservation**. This material is not the complete and official position of CSA Group on the referenced subject, which is represented solely by the Standard in its entirety. While use of the material has been authorized, CSA Group is not responsible for the manner in which the data is presented, nor for any representations and interpretations. No further reproduction is permitted.

For more information or to purchase standard(s) from CSA Group, please visit the store csagroup.org or call 1-800-463-6727.

