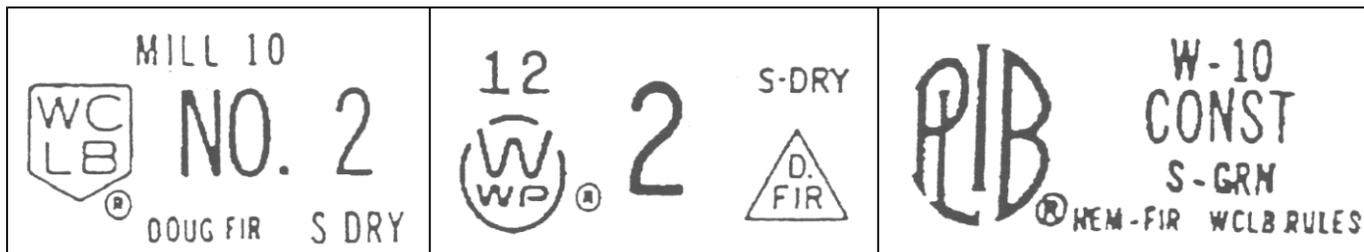


General Notes

December 2017

Specification Section - Name                      Note

Section 9-09 - Timber and Lumber



Section 9-26 - Epoxy Resins

ASTM C 881 definitions for Types, Grades, and Classes of Epoxy Resins are as follows:

TYPE	APPLICATION	CLASS
<b>Type I</b>	Non-load bearing applications for bonding hardened concrete to hardened concrete and other materials and as a binder in epoxy mortar or epoxy concrete.	A, B, or C
<b>Type II</b>	Non-load bearing applications for bonding freshly mixed concrete to hardened concrete.	A, B or C
<b>Type III</b>	Bonding skid-resistant materials to hardened concrete, and as a binder in epoxy mortar or epoxy concrete used in traffic bearing surfaces (or surfaces subject to thermal or mechanical movements).	A, B or C
<b>Type IV</b>	Load bearing applications for bonding hardened concrete to hardened concrete and other materials and as a binder in epoxy mortar or epoxy concrete.	A, B or C
<b>Type V</b>	Load bearing applications for bonding freshly mixed concrete to hardened concrete.	A, B or C
<b>Type VI</b>	Bonding and sealing segmental pre-cast elements with internal tendons and for span-by-span erection when temporary post tensioning is applied.	D, E or F
<b>Type VII</b>	Non-stress carrying sealer for segmental pre-cast elements when temporary post tensioning is not applied as in span-by-span erection.	D, E or F

Grade 1	Grade 2	Grade 3
Low Viscosity	Medium Viscosity	Non-Sagging Consistency

Class A	Class B	Class C	Class D	Class E	Class F
Below 40 °F	40 to 60 °F	Above 60 °F	40 to 65 °F	60 to 80 °F	75 to 90 °F

Classes A, B, and C are defined for Types I through V, and Classes D, E, and F are defined for Types VI and VII, in accordance with the range of temperatures for which they are suitable. The temperature in question is usually that of the surface of the hardened concrete to which the bonding system is to be applied. This temperature may be considerably different from that of the air.