CTX Construction Lag Screw
Installation Instructions

1 Installation

1.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, TER 1907-01 and the applicable building code.

1.2 In the event of a conflict between the manufacturer installation instructions and TER 1907-01, the more restrictive shall govern.

1.3 Minimum penetration is 1", unless otherwise stated in TER 1907-01. Install fasteners with head flush to the surface of the wood member.

1.4 Lead holes are not required.

1.5 Screws shall be installed with the appropriate rotating powered driver.

1.6 Minimum requirements for screw spacing, edge distance, and end distance shall be in accordance with Table 1.

Table 1. CTX Screw Spacing, Edge Distance, and End Distance Requirements[1] (inch)

Connection Geometry	CTX 14	CTX 15	CTX 17
Edge Distance – Load in any direction	1/2	5/8	5/8
End Distance – Load parallel to grain, towards end	2 1/2	3	3 3/8
End Distance – Load parallel to grain, away from end	1 5/8	2	2 1/4
End Distance – Load perpendicular to grain	1 5/8	2	2 3/8
Spacing between Fasteners in a Row – Parallel to grain	2 1/2	3	3 3/8
Spacing between Fasteners in a Row – Perpendicular to grain	1 5/8	2	2 1/4
Spacing between Rows of Fasteners – In-line	7/8	1	1 1/8
Spacing between Rows of Fasteners – Staggered[2]	1/2	1/2	5/8

SI: 1 in = 25.4 mm

1. Edge distances, end distances, and spacing of fasteners shall be sufficient to prevent splitting of the wood or as shown in this table, whichever is the more restrictive.
2. Values for “Spacing between Rows of Fasteners-Staggered” apply where the screws in adjacent rows are offset by one-half of the “Spacing between Fasteners in a Row.”