

Nox-Strut[™]

INSTALLATION GUIDE

NOX-STRUT INSTALLATION INSTRUCTIONS

1. ½ inch diameter lag screws shall be used as the fasteners. No pre-drilling is required when mounting.
2. When mounting, fasteners must be spaced at least 6 inches apart.
3. Depth of lag screw must not puncture back of Nox-Strut into the concrete when fully fastened. If screw contacts concrete, it can lead to stripping of the Nox-Strut. It is recommended to check the fit with the fastener/bracket material prior to in-wall installation in order to ensure a tight fit without puncture through back side of the Nox-Strut. Verify with precast producer for thickness of Nox-Strut material, which is typically 15/16 inches or 1 ½ inches in depth.
4. Lag screws should be tightened with an adjustable torque drill or hand-tightened with no more than 18 ft-lb of torque to avoid inadvertent stripping of the material. Use of heavy-duty or high torque impact drivers is not recommended as these exceed those thresholds and can lead to stripping of the Nox-Strut.
5. When mounting, a fastener should be placed directly above, and as close to the top of the bracket arm that will be utilized to achieve max weight retention. Placing a bracket higher than the highest fastener places a moment load on the fastener and may reduce advertised load values.
6. Avoid overloading brackets with weights that could exceed the listed max weight allowance provided by fasteners size.

