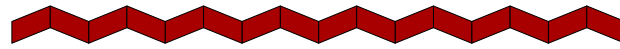




# STAGE SCENERY PLATFORM LEG ATTACHMENT



## Safety & Security Fact Sheet

The construction of scenery platforms must adhere to Fairfax County Public Schools (FCPS) guidelines established in the ***THEATER SAFETY: A Guide for Students, Teachers, and Administrators*** manual. This publication contains specific information on the materials, methods, and plans used to construct scenery platforms that are approved for temporary use.

The following steps provide the *only safe way* to attach legs to platforms. These steps cannot be ignored or compromised.

1. Legs must be constructed from 2-inch x 4-inch stud-grade lumber. Six legs are required for a 4-foot x 8-foot platform.
  2. Each leg ***MUST*** be attached using two 3/8-inch x 3½-inch hex head bolts, each secured with two washers and a nut.
  3. If the platform is over 2 feet in height, provide a 1-inch x 3-inch cross bracing to prevent the platform from swaying. The cross bracing should form an “X” pattern on the sides and ends of the platform. The braces should be attached within 9 inches of the ends of each leg.
- ✓ **NEVER** use drywall screws to attach legs to scenery platforms.
  - ✓ **NEVER** use drywall screws to attach stairs or railings.
  - **Drywall screws are brittle and can break easily with very little flexing.**
  - **The dynamic forces produced by performers as they move about on a scenery platform can cause the platform to flex enough to break drywall screws.**



For more information, visit our web site, [www.fcps.edu/fts/safety-security/factsheets/saf-24.pdf](http://www.fcps.edu/fts/safety-security/factsheets/saf-24.pdf)  
If you need assistance, call the safety section at 703-658-3770.