

Floor Loading Guidelines

In regard to the use of scissor lifts or other similar devices on a sports floor, Acer Flooring position is as follows: Neither Acer nor the Maple Flooring Manufacturers Association (MFMA) recommends the use of lifts over 3,600 pounds net weight with a total combined weight of the lift, equipment and people over 4,500 pounds. Use of any large lift is at the discretion of the owner who assumes all risks and liability for their use.

Following is Acer's recommendation for converting a point load to an area load.

When subjecting any wood floor system to abnormally heavy loads it is imperative to provide adequate distribution of the weight to prevent damage to the wood surface and/or the sub-floor system. To convert a high point load to an area load we recommend these steps be followed: Cover the area to be protected with red rosin paper or short term a heavy poly tarp or sheet to prevent surface scratches. Next place a two layers of CLEAN ¾" or thicker plywood or OSB panels along the path the load must be moved. Move the load across the narrow dimension of the panels. This will distribute the load weight over a larger area. Be sure all wheels roll across the panels. Loads up to 900 lbs. per wheel can be safely moved in this manner as long as the wheels are a minimum of 24" apart.

NOTE: By rotating the plywood sheets to the front of a moving load, the total number of sheets needed, will be greatly reduced. Lifts or other heavy loads should not be left on the floors for long periods of time. Because many subfloors are designed to better protect our athletes by absorbing the energy they produce when moving, jumping, and landing on the floor, it is not designed to support this type of excessive weight for a long period of time. This is why it is Acer Flooring's recommendation that you protect your floor and have any heavy equipment removed after each use.

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