

Floor Load Guidelines



Aacer Sports Flooring and the Maple Flooring Manufacturers Association (MFMA) recommends that scissor lifts or other similar devices are not used directly on hardwood athletic floors.

We recommend the following protective measures as described below as suitable when limiting the total combined weight of the lift and equipment and people to 5,000 lbs.

Provide adequate weight distribution to prevent damage to the wood surface and/or the subfloor system. Cover the area to be protected with red rosin paper or smooth sheet to prevent surface scratches. Next place two layers of CLEAN 3/4" or thicker plywood or OSB panels with upper and lower joints offset by minimum 12" along the path the load must be moved. Move the load across the wide dimension of the panels. This will distribute the load weight over a larger area. Be sure all wheels roll across the panels and are spaced a minimum of 24" apart. Rotating plywood sheets to the front of a moving load limits the total number of sheets required. Place two plywood layers in locations where outriggers are used.

Resilient hardwood athletic floors are designed to protect athletes by absorbing energy they produce when moving, jumping, and landing on the floor. They are not designed to support excessive non-athletic weight for long periods of time. Equipment should be removed from the floor, or at least off of the playing court area at the end of each day.

Whereas these recommendations are made based on established successful manner of protecting the floor, Aacer Sports Flooring does not accept liability for any issues related to impacting the floor with heavy non-athletic loads.

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