



Installation of Engineered Wood Fiber (EWF)

Our product is IPEMA certified for ASTM F1292-18e1 for impact attenuation within the use zone of the playground equipment, and ASTM F2075-20 -sieve analysis, tramp metals and hazardous metals.

***We highly recommend the use of a professional certified playground installation company. ***

The site needs to be prepared in accordance with the project engineer's direction and project specifications.

1. We recommend installing drainage, as this will help increase the life of EWF, reduce mold & fungus issues and help retain resiliency during cold temperatures.
2. Once drainage is installed, proceed to install the EWF at the recommended thickness per the equipment manufacturer's recommendations. We suggest:

- 15" of **un-compacted** Certified Playground Material (for a drop height of 12')

-12" of **compacted** Certified Playground Material (for a drop height of 12')


Helpful Tip


Once drainage system is in place, fill the area with EWF in layers, 6-8" at a time. Rake, level and wet the surface before compacting with a mechanical compactor after each layer is installed. Change direction 90 degrees between each layer. Repeat these steps until the desired surface thickness is achieved. This will help speed up the natural compaction process.

3. In high kick out areas, such as swings and slides, install wear mats on top of the EWF. This will help prevent holes and maintain a level surface. Tapered edges are recommended as to be sure the mats' edge is not exposed.
4. Inspect the entire area for loose debris that may be hazardous. This can include branches, rocks, etc. Dispose of properly.

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Maintenance of Engineered Wood Fiber (EWF)

Regular maintenance is necessary to keep your surface ADA Compliant.

1. Visually inspect areas weekly and remove all foreign objects.
2. Surface level and thickness should remain at the original recommended depth. To do so, rake EWF on a regular basis. Transition between the wear mats and EWF should remain level.
3. Measure the depth of EWF in high traffic areas and around equipment footers. Ensure the depth is sufficient for the fall height of the structure or at the manufacturer's original recommended depth, whichever is greater.
4. Add EWF as necessary by raking the material, leveling, and wetting the surface.
5. Visually inspect all mats for any wear and tear. Add EWF around the mat to ensure area is level. Turn wear mats over periodically and add EWF beneath them to bring wear mats up to original grade.
6. Periodically, check performance of drainage system. No standing water should remain on playground surface. It is important to have a functioning drainage system to improve EWF life expectancy and the resilience of the surfacing.

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