Britton Industries, Inc. Playground Surface Instructions

**Installation:**

1. Please visit the IPEMA website (www.ipema.org) to print a certificate showing the engineered wood fiber is IPEMA certified for ASTM F1292-impact attenuation within the use zone of the playground equipment, F2075- sieve analysis, tramp metals and hazardous metals.

2. Prepare the site in accordance with the project engineer's directions and project specification

3. Installing one or more compliant ADA ramps into the play area is recommended to allow an accessible entrance to and from the play area.

5. Once drainage is installed, proceed to Install approximately 15 inches of uncompacted wood fiber to achieve a compacted depth of 12 inches. Be sure the surface is level & compacted.

6. In kick-out areas, such as swings and slides, install wear mats on top of the EWF to prevent holes and to maintain a level surface. Be sure these mats are installed in such a way as they do not have an edge above the surface that will create an accessibility issue. Tapered edges are recommended.

## Maintenance Recommendations

1. Visually inspect the entire playground area. Remove all foreign material (i.e. trash, tree branches, etc.).

2. Rake the EWF to keep the surface level and the thickness to 12 inches compacted depth. A level surface is necessary for wheelchair access and compliance with ADA requirements. Wear mats can reduce or eliminate the need to rake the EWF in high traffic areas such as swings and slide exits. Be sure the transition between the wear mats and the EWF is level.

3. At accessible entrances onto the playground surface, ensure that the surface material, accessible route or the top of the access ramp is within ¼" of the top of the play area border. An ADA compliant access ramp into the play area will help reduce maintenance in this area.

4. In the highest use areas and around equipment footers, dig down to the subsurface or drain system and measure the depth of the EWF. Ensure that the depth is 12 inches compacted for the fall height of the structure whichever one is greater. Add EWF as necessary, level, wet and compact. The use of markings on the play structure supports or on the containment barriers is also recommended as a means to ensure depth of surface is kept to original thickness.

5. Visually inspect all wear mats for tears, cracks and general wear. Add EWF around the wear mat to ensure a smooth transition from wear mat to surface. Turn wear mats over periodically and add EWF beneath them to bring wear mats up to original grade.

6. Check the performance of the drain system by ensuring that water is flowing from a drain system outflow pipe immediately after rain. Also, make sure there is no standing water on the playground

surface. It is important to have a functioning drainage system to improve EWF life expectancy and the resilience of the surfacing.