

# Fibar® System 100

## Installation

### PLEASE NOTE:

In accordance with standard design and construction practices, The Fibar Group, LLC and its Representatives recommend using the services of a certified engineer, architect, or landscape architect who is familiar with local soil and climate conditions to evaluate and interpret any information provided by The Fibar Group, LLC and its Representatives.

The Fibar Group, LLC assumes no responsibility for determining the size of the playground or the Use Zone between the equipment and the border. Installer must thoroughly examine the site and specifications, carefully checking the dimensions before starting work.

All instructions are subject to equipment manufacturers' installation specifications.

Read Fibar System 100 Specifications, Installation and Maintenance Instructions, all available from The Fibar Group, LLC ☎ 800-342-2721 or ☎ 914-273-8770 or email info@Fibar.com or contact your local Representative.

### ABOVE-GROUND INSTALLATION ONLY

1. The area should be well-compacted and accurately graded, especially in areas where additional fill has been brought in. It is not recommended that a Fibar System be installed on a grade greater than 10%. All roots, stones, and vegetation must be removed.
2. Layout should allow for water to flow to a storm drain or similar device to take water collected from the playground away from the site.
3. Install playground equipment.
4. Cover sub-grade with FibarFelt geotextile. Overlap all seams 3". It will be necessary to slit the FibarFelt to fit around the footings of the equipment. Where possible, overlap all slits with next piece of FibarFelt.
5. **IMPORTANT:** With an indelible marker, **mark off all the legs** of the equipment with the compacted System design depth.
6. Spread Fibar Engineered Wood Fiber, using a Bobcat or a small front-end loader. Operator should be careful not to travel on the FibarFelt or turn sharply on the Fibar. It will also be necessary to use hand labor to spread. To allow for natural compaction, we supply additional material. Important: **Install all the material delivered.** The Fibar will be several inches above grade or border until it compacts. Feather the edges to make a smooth transition to existing grade or border.  
To speed up the natural compaction process, once drainage is installed, install the Fibar in layers, 5" at a time. Rake, level and we recommend wetting the surface before com-pacting with a mechanical compactor after each layer is installed. Change direction 90 degrees between each layer. Repeat these steps until the desired surface thick-ness is achieved.
7. Hand-rake for a perfectly smooth, finished surface.
8. Install FibarMat rubber wear mats on top of the Engineered Wood Fiber. **To help ensure compliance with 2012 ADA Federal Law for accessibility, FibarMat wear mats should be installed under all swings, tire swings,**

**and at slide exits.** They should also be installed at other heavy-use areas such sliding poles. FibarMats are available through your local Fibar Representative.

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

9. After two weeks of active use, rake again.
10. CPSC and ASTM Recommended Use Zones.  
A Use Zone of at least 6 feet must surround all equipment with the exception of:
  - a. Swings. A Use Zone equal to 2 times the height of the top rail is needed in front of swings and 2 times behind swings.
  - b. Slides. A Use Zone equal to the height of the slide up to 8 feet, extending a minimum of 6 feet, is needed in front of slide exits.

*For complete information on Use Zones, contact CPSC and ASTM or contact your local Fibar Representative.*
11. See Fibar System 100 Maintenance Instructions for requirements with respect to inspections, raking, top-off, and other maintenance advice.



**WARNING** **Compliance with 2012 ADA Federal Law** To prevent displacement of the Fibar in high-use areas, to preserve your warranty, and reduce maintenance, FibarMat wear mats must be installed under all swings, tire swings, slide exits, and all other wear areas including sliding poles. This will help to ensure compliance with the Federal Accessibility Law of March 15, 2012.



**WARNING** **Incorrect Installation or maintenance.** Failure to install all the materials delivered, failure to maintain the depth of the Fibar System at the original design depth, failure to use FibarMat wear mats at slide exits, under all swings and tire swings (except enclosed or tot swings), other wear areas (a wear area is any area in the playground where the surface depth falls below the System design depth for the playground surface), use of the Fibar System and/or materials with others not provided by The Fibar Group, LLC, abnormal use, lack of proper maintenance, or vandalism can result in serious injury or death. Be aware that no playground surface can prevent all accidents or injuries.



**WARNING** **Winter Conditions** Should there be moisture retention in the Fibar System, it will freeze when the temperature drops below the freezing mark. Please check your surface frequently in winter weather. When the surface is frozen, the impact attenuation properties of Fibar are lost and for this reason, the play area should not be used.



**Reread the Installation and Maintenance Instructions periodically.** If at any time you are concerned about the surface and its performance, please contact us at ☎ 800-342-2721 or ☎ 914-273-8770 or email info@Fibar.com.

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