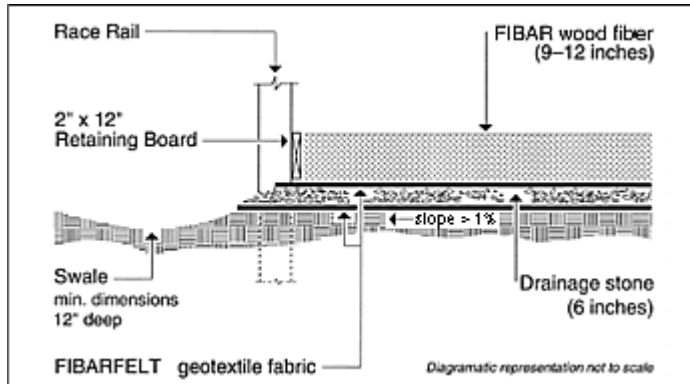
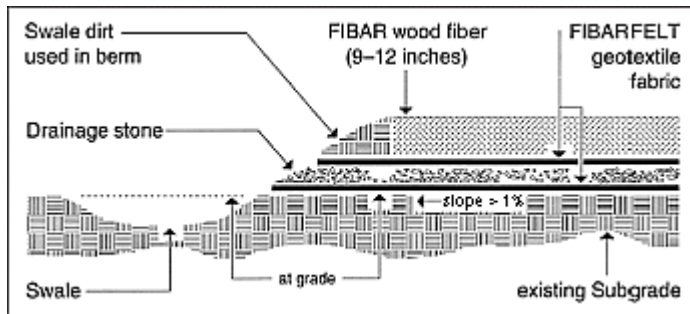


TRACKS INSTALLATION | Fully-Percolating System



This design has a blanket of clean, crushed, rain rock underneath the entire track. This system is used with **FibarFelt®** fabric to separate the stone from both the sub-base and the cushion.

GALLOPS INSTALLATION | Fully-Percolating System



This installation method is similar in all respects to that used for Tracks (see above).

DOUBLE FELT INSTALLATION METHOD FOR TRACKS & GALLOPS

1. The site must be surveyed with a transit so that the crown of fall is accurately excavated.
2. Remove vegetation and topsoil from track/gallop and surrounding area. Grade base 2% cross-slope. Compact to 95% modified Proctor or better.

3. Incorporate swales and ditches on both sides of the track to keep migrating surface water away from the track.
4. **A.** The optimal drainage design is to build the entire structure, stone and **Fibar**, above grade. Allow an additional 2 feet to the inside of the track and carry the stone and **FibarFelt**® onto this apron. The Fibar would be contained by a 2" x 8" pressure-treated board fixed to the rail and placed on top of the stone. This will provide a continuous weeper giving maximum drainage.
B. If this is not possible, a design similar to the cross section in the Technical Manual (available on request) should be used with a collector pipe running around the perimeter of track. This pipe and French drain should be alternately placed on the infield side of the running rail.
5. Install rail. To ensure proper finish height, allow an extra 6" for stone and 12" for **Fibar** wood fiber.
6. Roll out **FibarFelt** material 12 to 18 inches, overlapping at all seams. Extend **FibarFelt** material 18" outside rail line. Slit FibarFelt material with scissors or razor knife to fit around posts.
7. Bring in six (6) inches of 1" to 2" open aggregate drainage stone (#57) and roll. Operator should not travel on the **FibarFelt**.
8. Cover stone drainage bed with FibarFelt, overlapping 12" to 18" at all seams.
9. To retain Fibar, affix a 2" x 8" pressure-treated board to the base of the rail (boards to be placed on top of the stone).
10. Finish building the rail.
11. Spread **Fibar**, back-dumping off the **Fibar** already in place. Take care when traveling on the **FibarFelt** not to make sharp turns or sudden stops and starts. Since **Fibar** wood fiber is a naturally fibrous material, there will be a variation in the amount the material will compact and settle when spread. As a general rule, if we deliver 12" loosely laid, allow for about 30% compaction giving a finished depth of about 8". This settling and knitting together is what makes Fibar wood fiber work!
12. After rough grading, the **Fibar** surface should be watered thoroughly and smooth-harrowed using a 6' x 10' chain-link drag.

IMPORTANT

In accordance with standard design and construction practices, The Fibar Group, LLC recommends using the services of a qualified engineer or architect, who is familiar with local soil and climate conditions, to evaluate and interpret the above guidelines. Prior to delivery of materials such as crushed stone screenings, sand, etc., request a gradation analysis, which your engineer can interpret for you.

NOTE: Site visits are available where economically feasible. A fee plus travel expenses may be requested.

DISCLAIMER

THE ABOVE TECHNICAL ADVICE IS GIVEN GRATIS AND THE FIBAR GROUP, LLC ASSUMES NO OBLIGATION OR LIABILITY FOR THE ADVICE OR ASSISTANCE GIVEN OR RESULTS OBTAINED, ALL SUCH ADVICE OR ASSISTANCE BEING GIVEN AND ACCEPTED AT BUYER'S RISK.

MAINTENANCE

1. Keep Fibar damp throughout. If not, it will break down prematurely.
2. Harrow regularly using a Brillion Pulvi-Mulcher or similar machine.

3. The surface will improve with time. In the first few weeks the wood fiber will be gradually knitting together – rain, watering and smooth harrowing will all help the process.
4. Depending on usage, you should plan to top off the surface periodically (anywhere from 2 to 3 years).

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