

Preparation and Installation

Preparation for All-Weather Fiber (AW Fiber)

1. Base

- Stable and compacted Base (e.g., mineral aggregate, gravel or specialized rubber mats)
- Laser leveled → ensures a uniform surface
- Optional: Drainage layer for areas with lots of rain

2. Drainage and Water Management

- Plan a 1-2% slope (depending on ground conditions)
- Install drainage pipes or gravel pits if necessary
- Water must drain quickly and not accumulate under the material

3. Separation Layer

Option 1:

- Geotextile/separation mat between the subbase and the AW Fiber
- Prevents mixing with the subbase
- Lay flat and precisely

Option 2:

- A thin layer of sand (recommended thickness: 4-5 cm)
- Prevents direct contact with the subbase
- Compact well so it does not move or mix with the mat

Installation of AW Fiber

laying of the fiber:

- Distribute the material evenly (Recommended thickness: 10 cm)
- Align the edges precisely.
- Water lightly (do not overwater).
- Compact to an approximate thickness of 10 cm to create a strong, even surface.

Final Inspection:

- Check the surface: it should be uniform, with no soft or hard areas.
- Begin first use under controlled conditions.

Tips:

- The base is crucial for success → a poorly compacted base results in an uneven floor.
- Recommended fiber quantity and thickness: **10 cm.**
- Check the compaction and uniformity of the surface periodically.

Pre-existing instalation

Our Fiber can also be distributed on pre-existing riding arenas.
the following points are to be considered:

- Underlying sand layer must be 4-5cm MAX.
- The less Sand the better
- The harder and more compactable the better
- Loose sand won't work well, must be removed/ replaced.
- Level and compact sand layer evenly
- If no drainage system is present; implement a 1-2% descending slope from the center of the arena towards the laterals

Key rule:

"A carpet and fiber floor depends on its base: a well-planned base ensures its durability."



