WF Racing

INSTALLATION INSTRUCTIONS

Large stabilization slabs

PADDOCKS • PATHWAYS • ACTIVES STABLES • PADDOCKS PARADISE • ARENAS & TRACKS

WF Racing

INSTALLATION INSTRUCTIONS

Compact & Large stabilization slabs

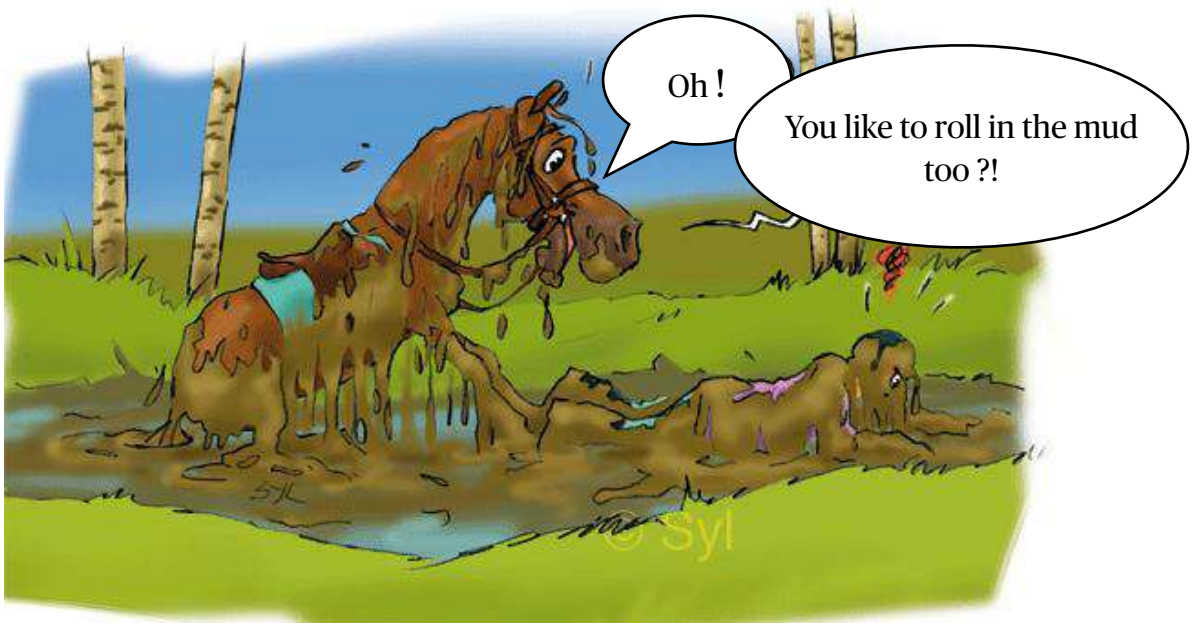
1. INSTALLATION ON STABILIZED GROUND — PAGE 3

2. INSTALLATION ON SOFT GROUND — PAGE 5

3. USE ON A STATIC AREA — PAGE 8

4. USE ON AN AREA WHERE HORSES ARE ACTIVE — PAGE 9

5. USE AS A SUB-LAYER FOR EQUESTRIAN ARENAS & TRACKS — PAGE 10



INSTALLATION TIPS

Our goal : make you and your horses' life easier !

That is what our **stabilization slabs** are made for. Here are a few installation instructions to allow you get the best out of them, for a long time.

Installing our slabs is simple. Nevertheless, we strongly recommend you to follow the instructions given in this document so you will have a **quality, robust and durable** installation.

For your comfort and that of your animals.

1. INSTALLATION ON STABILIZED GROUND (1/2)

*A stabilized ground is a **flat and supporting** ground, just as shown on the pictures below. It is trafficable by construction vehicle (minimum lift of 3,626 psi).*

Equinox stabilization slabs can be installed directly on this kind of ground. Make sure they are in contact with the ground at all points of their surface.

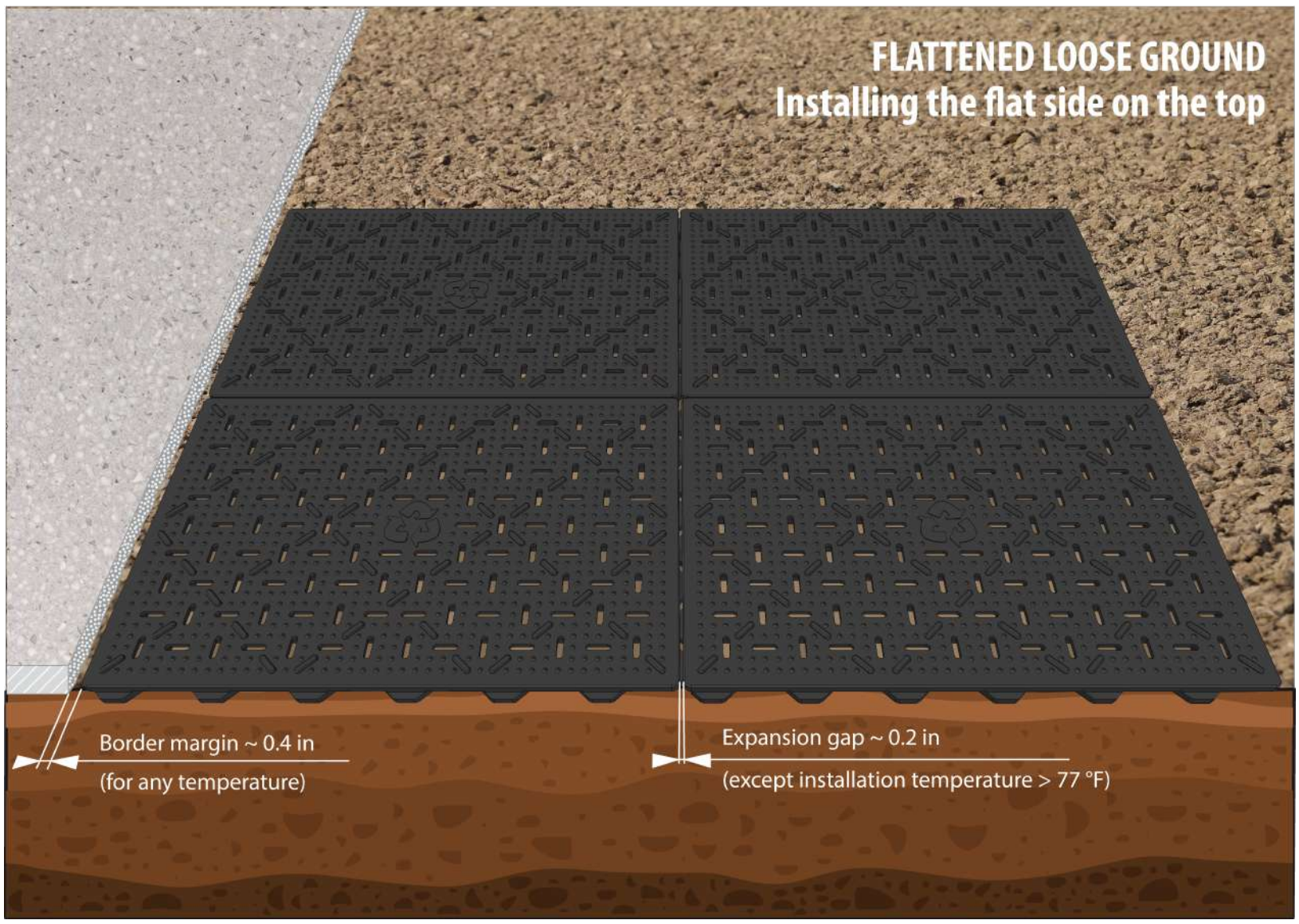
Make sure to leave a **joint space** as shown on the diagram on next page :

- **0.2" minimum** between slabs to allow expansion (unless it is hotter than 77°F).
- **0.4" minimum** if your slabs are bordered by a wall, curb or other fixed structure

Once your slabs are installed, your horses can enjoy their new area immediately !

1. INSTALLATION ON STABILIZED GROUND (2/2)

Make sure you leave a **joint space** between your slabs :



2. INSTALLATION ON SOFT GROUND (1/3)

*A soft ground is **not stabilized and not consistent** (muddy soil that can be uneven, grassy but soft).*

*Do not install your slabs on a soft soil if the temperature is **below 40°F** because the slabs will not be able to be anchored in the ground.*

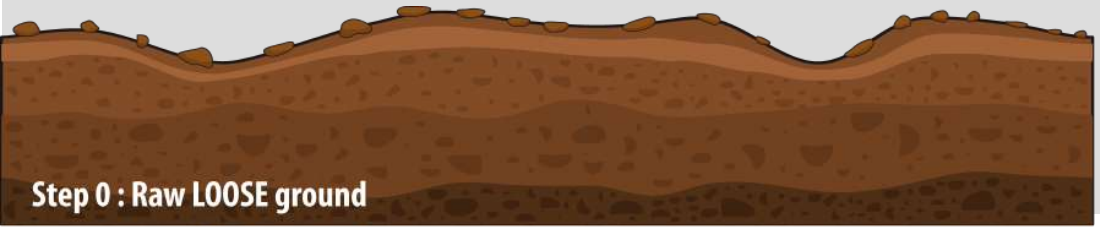
On that type of surface, we advise you to follow the next steps. This will greatly improve the **quality, strength and durability** of your installation.

It's a little more work at the start but it is worth it to ensure your **horses have dry feet for a long time !**

2. INSTALLATION ON SOFT GROUND (2/3)

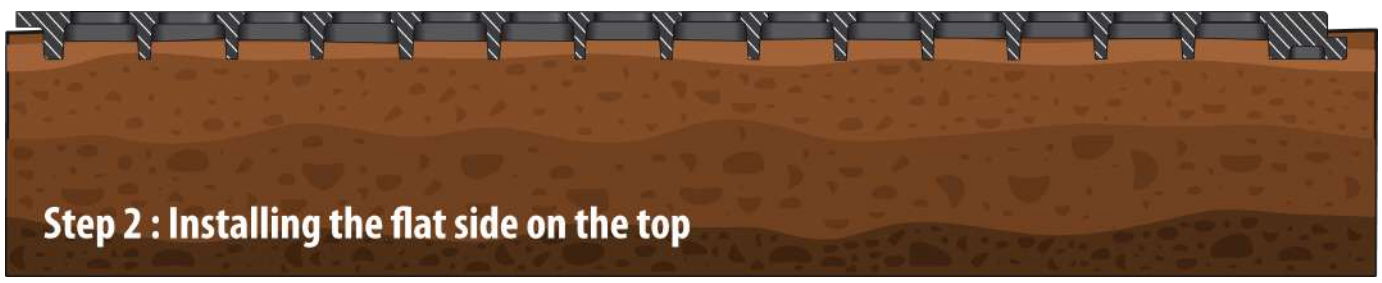
Step 1 ★☆☆

Level the ground with the material in place and remove stones, pebbles and other irregularities. The surface intended to accommodate the slabs must be **as smooth as possible**. A slight slope is not problematic, on the contrary, it allows surface runoff.

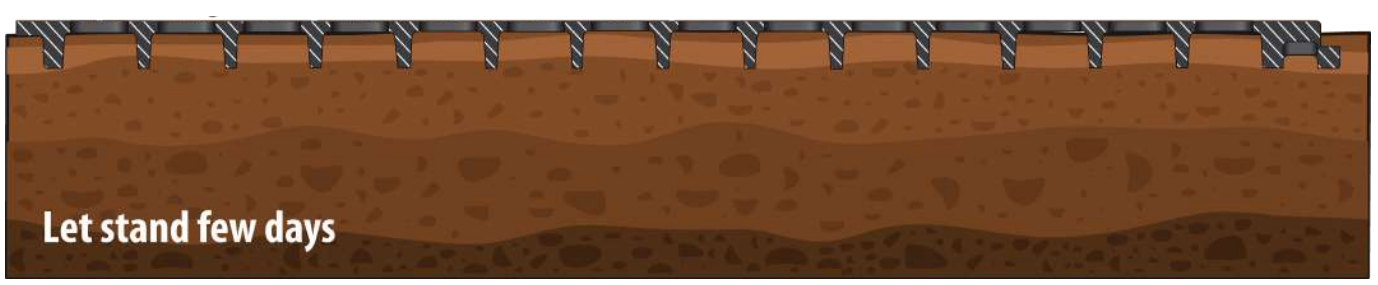


Step 2 ★★☆

Install the slabs so that they are well anchored in the ground and resting **on the ground at all points.**



We recommend that you **let it rest for a few days** before letting the horses evolve on the slabs. This will give the slabs time to anchor themselves well in the ground. This will avoid irregularities under your surface, which will be reinforced.



2. INSTALLATION ON SOFT GROUND (3/3)

For perfect finish ★★★

Add a layer of washed sand on your slabs. A 0 - 3/16" type river sand or a fine-free silica sand are also very good alternatives. In any case, be sure to use a draining material that is **non-abrasive** for the horses' feet. This will increase grip for your boarders and protect the slabs.

Slabs can be laid in one way or the other depending on the installation area (see pages 8 and 9).

3. USE ON A STATIC AREA

If you plan to use your slabs in a place where horses are not supposed to arrive quickly or cause significant impacts, they can be laid **flat face up** after having prepared the ground beforehand, as mentioned above.

4. USE ON AN AREA WHERE HORSES ARE ACTIVE

If your slabs are intended to be placed on an area where horses trot, gallop and play, we advise you to lay them with the **honeycomb side up**, then **fill them with sand**.

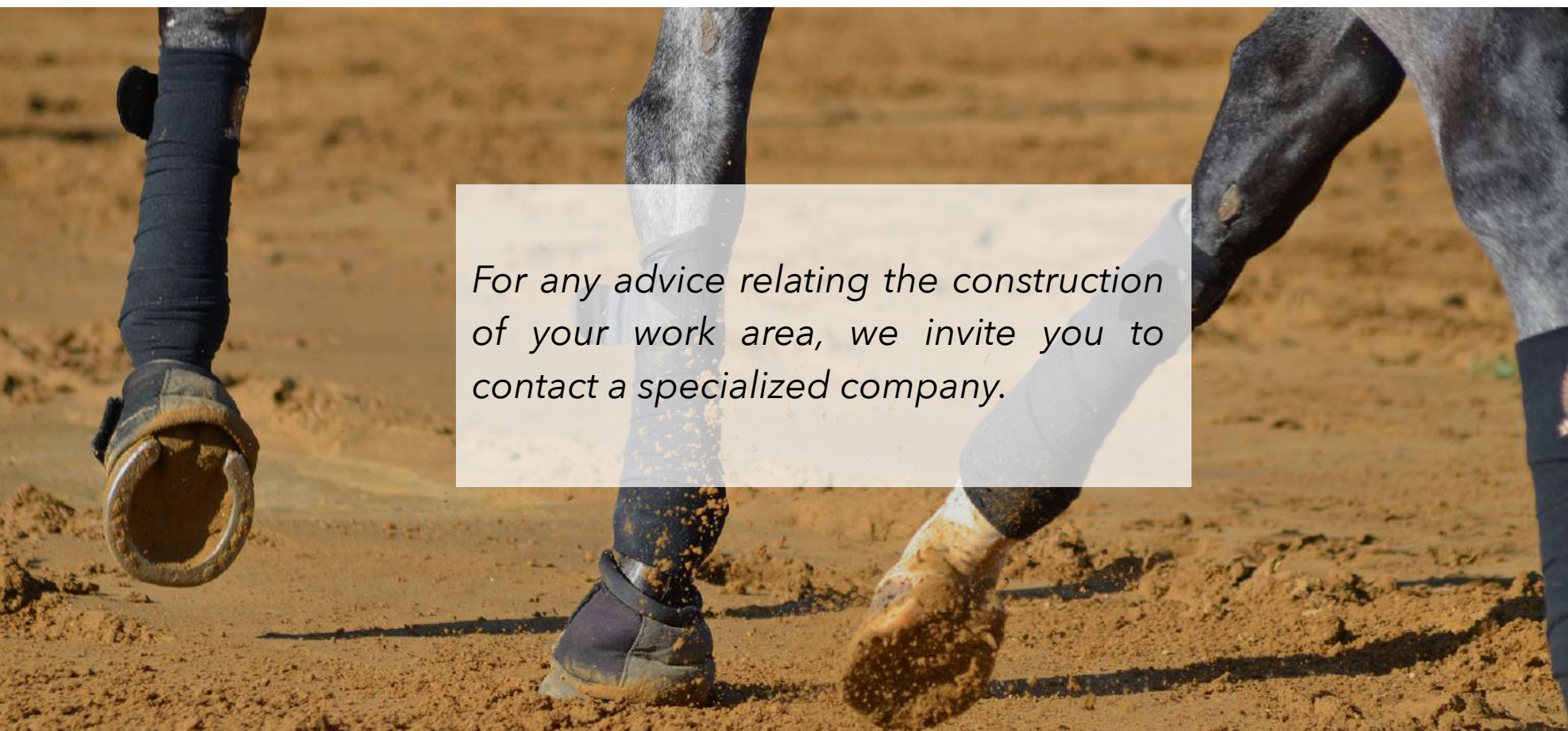
5. USE AS A SUB-LAYER FOR ARENAS & TRACKS (1/2)

Our stabilization slabs are designed to provide **high trafficability**. In most situations, you can use them to design your equestrian surfaces by greatly limiting the work and foundation layers.

Two main cases are easily identifiable:

Case n° 1 : **your soil is sufficiently bearing and draining** and does not need a foundation. In this case, we detail the steps required to lay our slabs for use as equestrian surfaces below.

Case n° 2 : **your soil is not strong enough and/or not draining enough.** It is best to work with a specialist in equestrian surface design or a construction company to obtain a load-bearing and permeable laying surface.



For any advice relating the construction of your work area, we invite you to contact a specialized company.

5. USE AS A SUB-LAYER FOR ARENAS & TRACKS (2/2)

Case n°1 **1** **your soil is sufficiently bearing and draining**

*Your soil is **strong enough** to allow the movement of construction machinery (trafficability greater than 3,600 psi) and **sufficiently permeable** to drain rainwater*

Step 1 ★☆☆☆

Lay a geotextile on a terraced ground. Ideally, respect the standards of construction of sports fields in terms of leveling in particular the tolerance of deformation of 0.4″ under the rule of 10′. Thanks to the geotextile, you improve the bearing capacity of your surface and protect it against the resurgence of fines in the working layer.

Step 2 ★★☆☆

Lay our stabilization slabs, respecting the dilatation rules with the honeycomb side up. Our slabs are instantly trafficable by construction machinery.

Step 3 ★★★☆

We recommend that you fill our slabs with a 0.08″/0.16″ or 0.08″/0.24″ washed crushed fine draining aggregate. This will improve the drainage of your work area compared to filling it directly with equestrian soil, which has less permeability.

Step 4 ★★★★

Install your equestrian surface on a thickness of 4 to 6 inches. In line with the system described, your equestrian surface must allow the vertical evacuation of water.