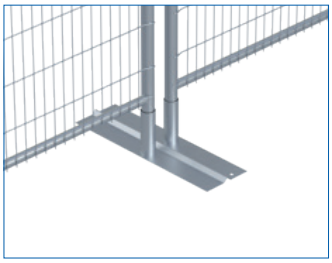
Mobile Fencing & Security

Stability of temporary fences

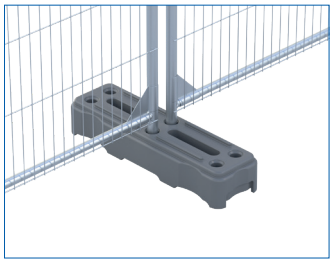
There are various methods for stabilising temporary fences. The choice depends, among other things, on the space available, the subsoil, the duration of the project and the extent to which the fences have to be moved around the site. But the type of temporary fence, footing or strut also plays a major role.

Footings and ballast block



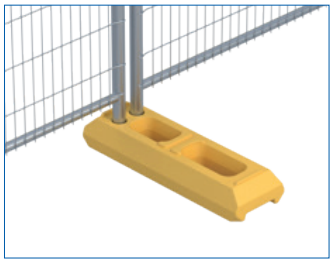
1. Double Flat Metal Foot

★☆☆☆☆



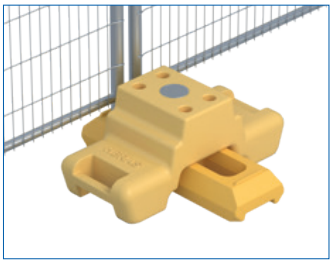
2. Recycled Footing

★★☆☆☆



3. High Visibility Foot Yellow

★★★☆☆



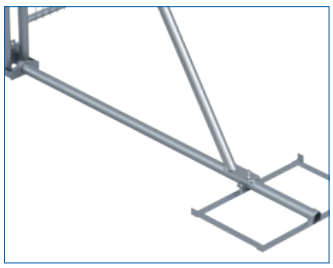
4. Step Block

★★★★☆

Struts

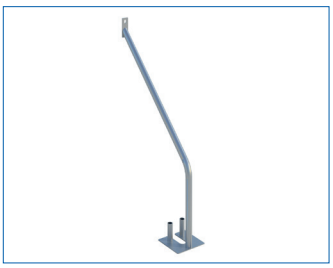
1. Standard Strut

★☆☆☆☆



2. Stormguard Strut

★★☆☆☆



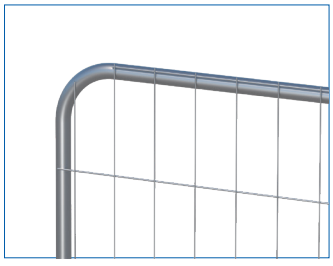
3. Step Block Anti-lift Strut

★★★☆☆

Temporary fences

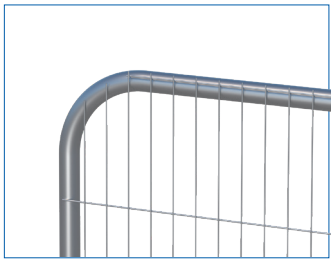
1. Standard Smartweld

★☆☆☆☆



2. Round Top

★★☆☆☆



3. Premium Round Top

★★★☆☆

Legend

★☆☆☆☆ **Very unstable**
Use a different assembly method or heavier fence.

★★☆☆☆ **Unstable**
Use a different assembly method or heavier fence.

★★★☆☆ **Neutral**
If necessary, improve by using another, heavier fence, another footing or another strut.

★★★★☆ **Stable**
The fence line is sturdy enough.

★★★★★ **Very stable**
The fence line is sturdy enough.

Explanation

Term	Meaning
Foot/footing	A temporary fence foot provides the base for fencing panels. You put the fences in the footings to create a fence line.
Step block	A step block is designed to fit over your temporary fence footing. This increases the stability of your fence line.
Strut	A strut connects a temporary fence into fence feet to increase the stability of a fencing line.
Smartweld	Smartweld uses resistance welding. This is where we join two pieces of steel together, then run a large amount of electricity through them to melt them together. This creates an extremely strong joint.
Round top	3 sides are formed from a continuous length of tube, eliminating the top corner weld.

Your result

Add up the stars to know how sturdy your fencing line is. Please not that it is not always possible to use a footing and strut together. We are more than happy to advise which products can be used together. Below you find some good and bad examples of combinations.

4 or less

Very unstable

Example combination
- Double Flat Metal Foot
- Standard Smartweld

5

Unstable

Example combination
- Stormguard Strut
- Premium Round Top

6-7

Neutral

Example combination
- High Visibility Foot Yellow
- Premium Round Top

8

Stable

Example combination
- Step Block
- Step Block Anti-lift Strut
- Round Top

9 or more

Very stable

Example combination
- Step Block
- Step Block Anti-lift Strut
- Premium Round Top

Do's and don'ts

Make sure you have a sturdy fence line that won't blow over to prevent accidents on your site. Below you will find what you are allowed to do and what you are not allowed to do.

- For 'open' temporary fences, brace at least 1 out of 3 fences with struts.
- When using tarpaulins, brace at least every fence.
- Preventively remove the tarpaulins from your fences if a storm is forecast.
- Regularly check the fence line: tighten the couplers, repositions the struts and/or if neccessary apply reinforcements with additional blocks or ballast elements.

- Only use metal foots or blocks and clamps. This is not sturdy enough.
- Not checking the subsoil properly before ordering struts. Always check if the ground is hard enough!
- In high wind areas (e.g. near the coast) attach tarpaulins to the fences.
- Attaching tarpaulins to the least solid temporary fences.

Scan the QR codes for more information on the stability factors of your temporary fences.

Tips for a stable fence line

Wind loading advice

Do you have questions about the stability of your temporary fencing? Please contact us.

+44 (0)800 073 9987

info@heras-mobile.co.uk