

Step 1 : Gabion Assembly



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Helicals

Factory fitted helicals

Face panels

The gabion is supplied flat packed on site on a pallet. Unpack the gabion and fold it out as shown on this drawing. The should be composed of all the vertical mesh panels and a base and a lid. All the vertical connections should have helicals.



HESCO CONCERTAINER TRAPION

Assembly Guide & recommendations

Revision : 3

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Scale : n.v.t
Date : 30-05-2007

STEP 1

Størst på områdesikring i hele Norge

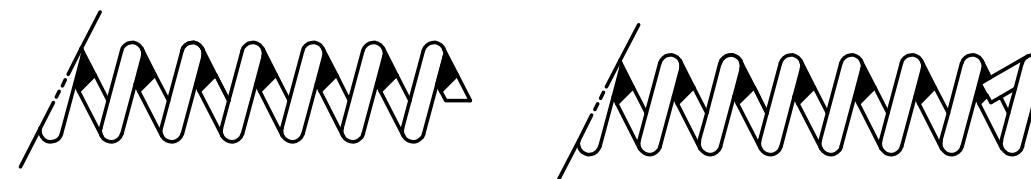


07.10.2009

Step 2 : Closing the base



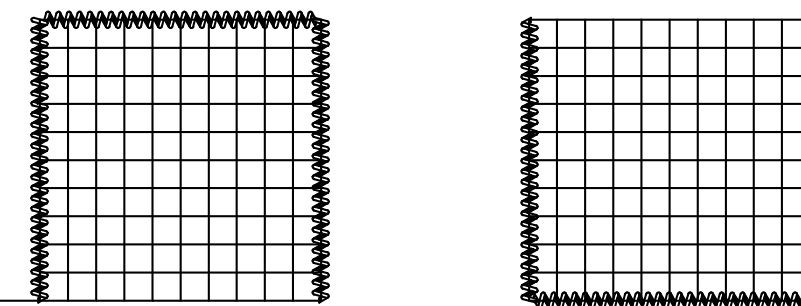
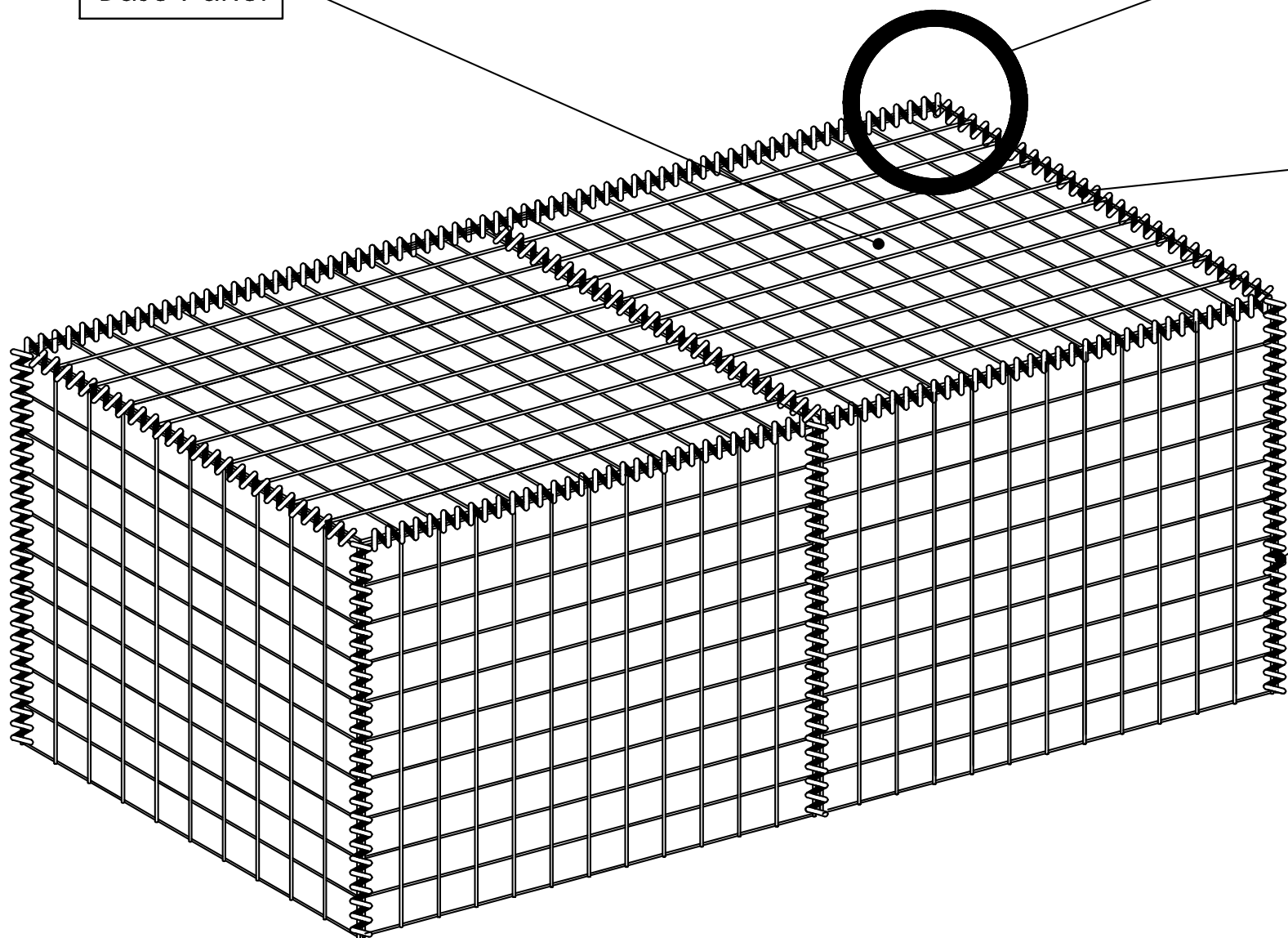
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After attaching each coil , the ends must be twisted inwards. This makes sure the coil doesn't unscrew and it minimises the danger for sharp exposed ends.

Base Panel

Joining Coils



After attaching the base with the spirals , turn over the gabion and you can start filling.



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STEP 2

Størst på områdesikring i hele Norge

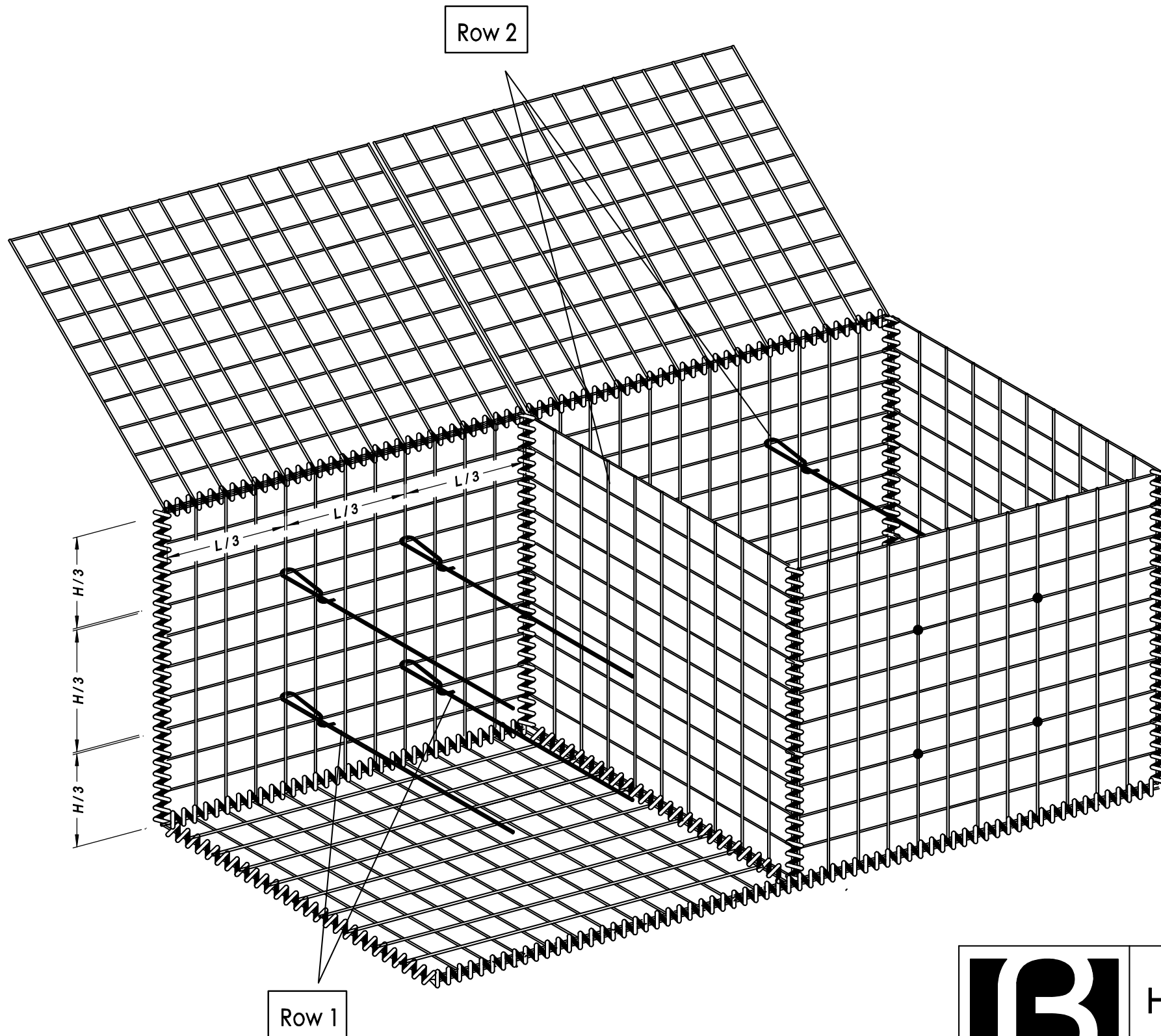
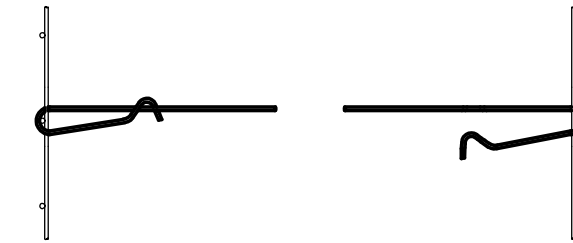


BETAFENCE

Step 3 : Bracing ties



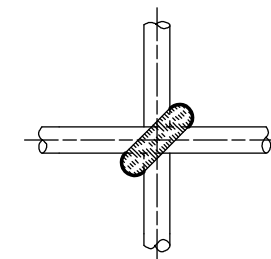
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After attaching the base , turn the Gabion the correct way up.
Follow the procedure below :

Gabions up to 0.5m high: Install 2no. bracing ties per linear metre, at 1/2 the unit height, and 4 meshes in from the edges of each segment then fill to this level. Fill to within 1 mesh of the top of the gabion.

Gabions over 0.5m high: Install 2no. bracing ties per linear metre at 1/3 the unit height, and 4 meshes in from the edges of each segment, then fill to this level. Install 2no. bracing ties per linear metre at 2/3rd unit height, and 4 meshes in from the edges of each segment. Fill to within 1 mesh of the top of the trapion.



As shown the bracing ties should be placed around a weld.
The ends of the bracing ties need to be closed.
The bracing ties help us to create straight faces and avoid excessive bulging.

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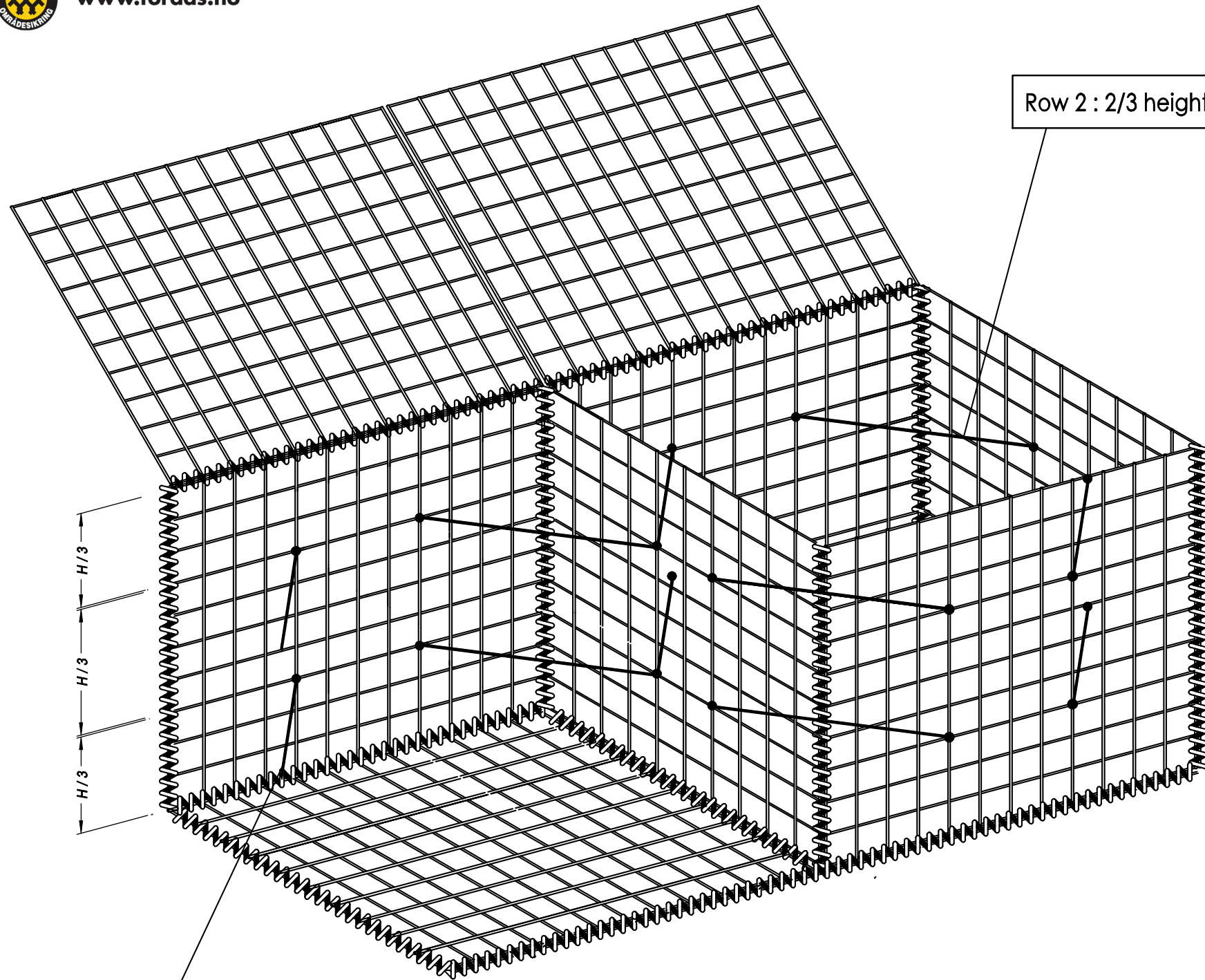
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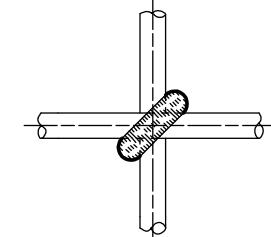
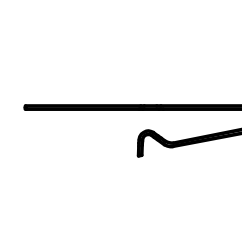
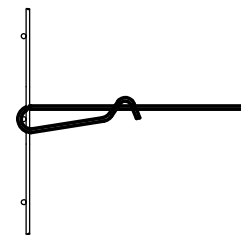
Step 3b : New bracing system



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Row 1 : 1/3 height

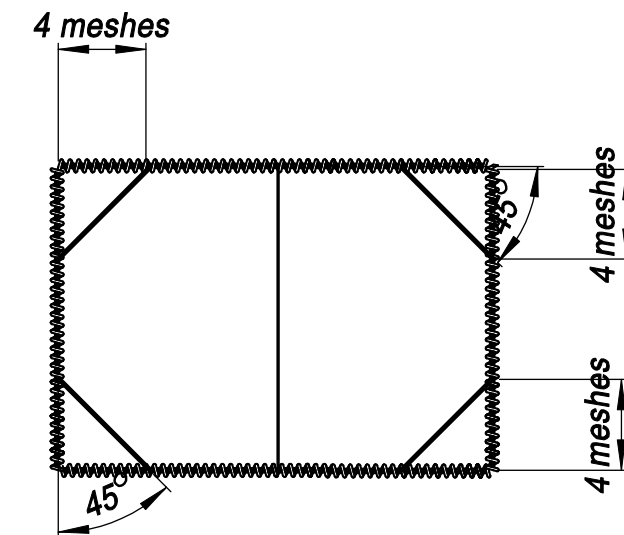


After attaching the base , turn the Gabion the correct way up.
Follow the procedure below :

Gabions up to 0.5m high: Install 4no. bracing ties per linear metre, at 1/2 the unit height, and 4 meshes in from the edges of each segment then fill to this level. Fill to within 1 mesh of the top of the gabion.

Gabions over 0.5m high: Install 4no. bracing ties per linear metre at 1/3 the unit height, and 4 meshes in from the edges of each segment, then fill to this level. Install 4no. bracing ties per linear metre at 2/3rd unit height, and 4 meshes in from the edges of each segment. Fill to within 1 mesh of the top of the trapion.

As shown the bracing ties should be placed around a weld.
The ends of the bracing ties need to be closed.
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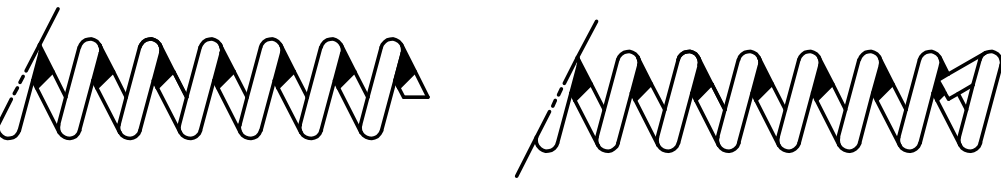
STEP 3

Størst på områdesikring i hele Norge

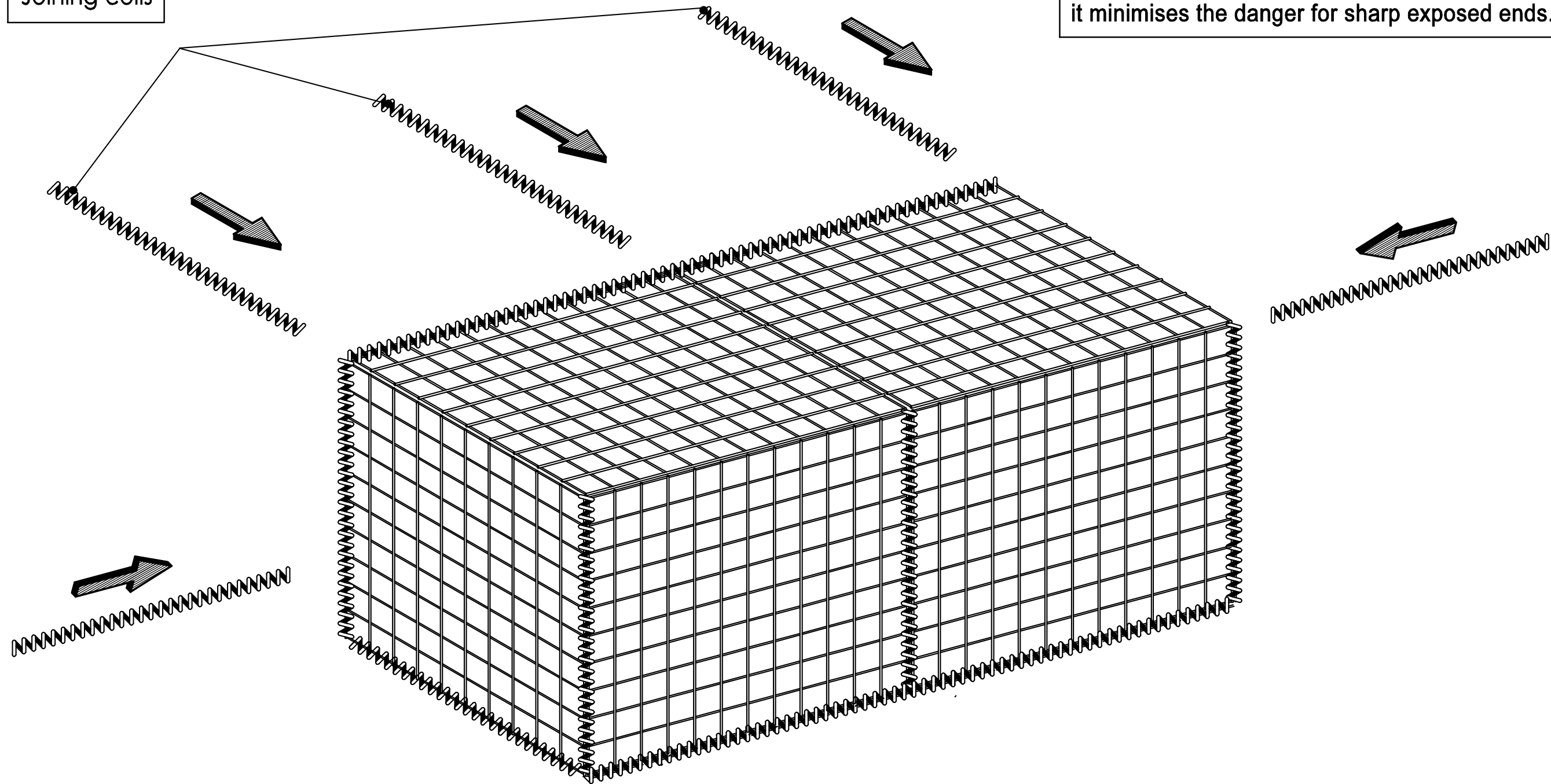


Step 4 : Closing the lid

Joining coils



After attaching each coil , the ends must be twisted inwards. This makes sure the coil doesn't unscrew and it minimises the danger for sharp exposed ends.



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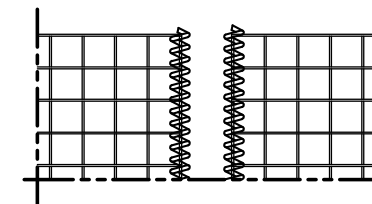
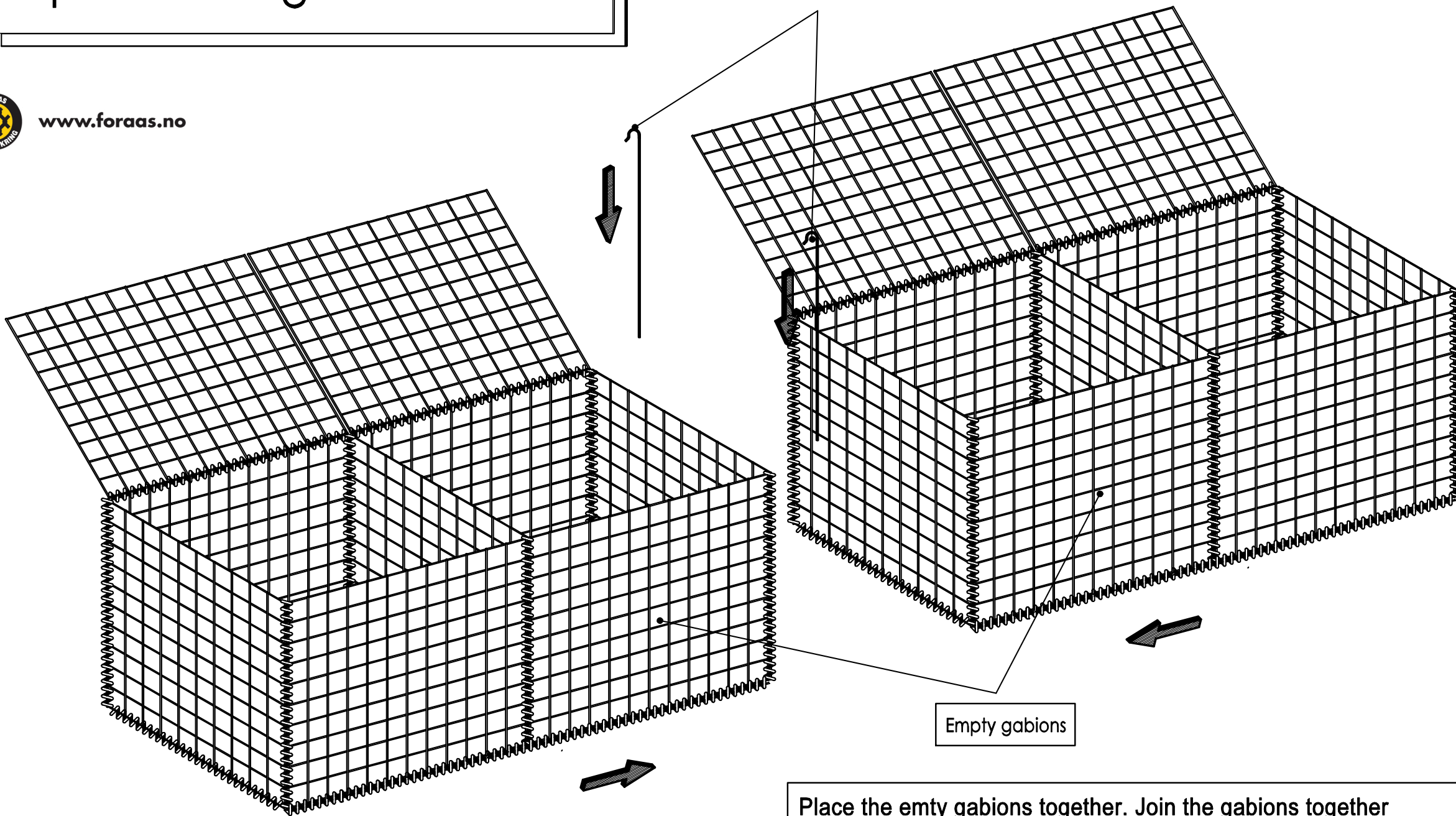
STEP 4

Step 5 : Joining the Gabions

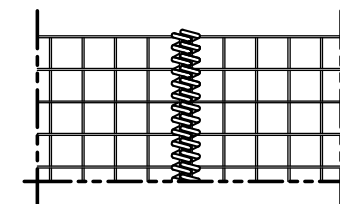


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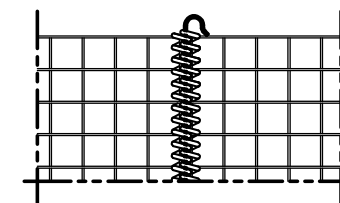
Joining pins



1) Place de gabions



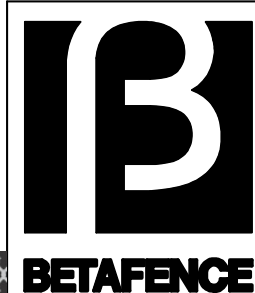
2) Clamp the spirals together



3) Insert the joining pin

Place the empty gabions together. Join the gabions together with the joining pins. Keep doing this until you reach the desired wall length. By stretching within the available tolerance of the spirals. If necessary gabions can be cut to length.

The connection of gabions is carried out as illustrated. The Gabions are pulled against each other in such a way that the joining coils of the Gabions interlock. Firmly insert the supplied joining pin to the bottom of the coil. Make sure that the pin faces the inside of the Gabion. This is for security reasons.



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STEP 5

Størst på områdesikring i hele Norge



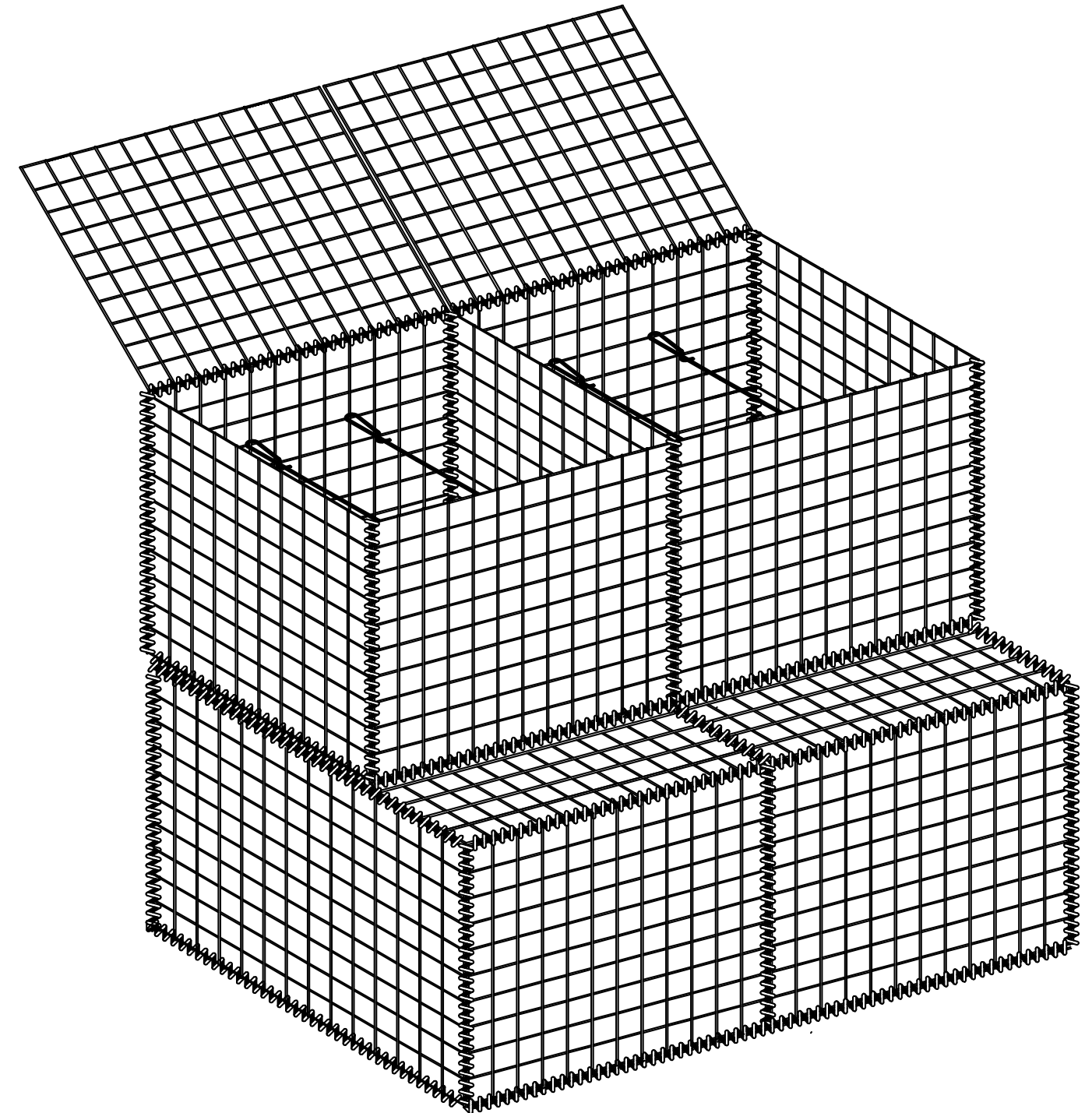
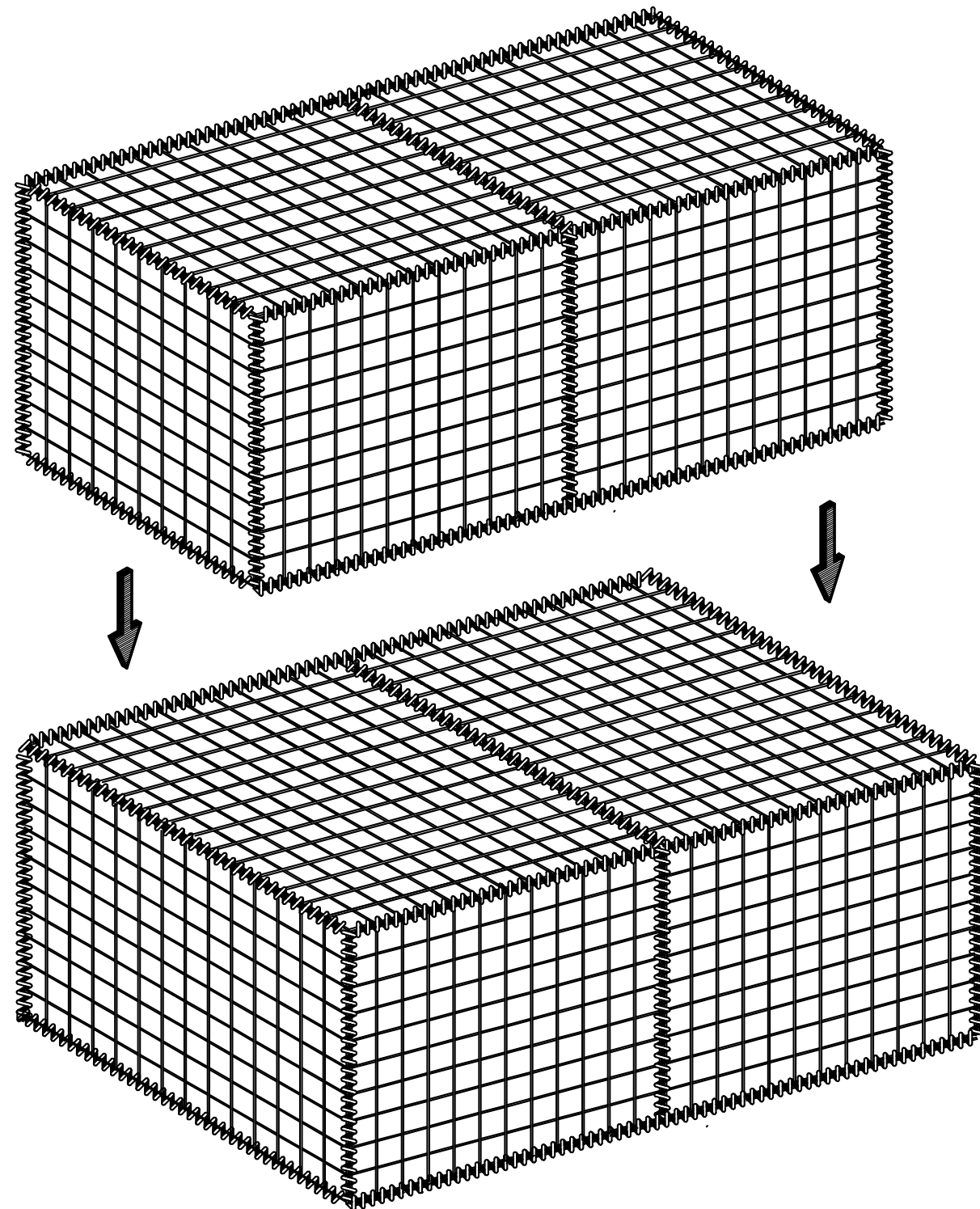
Step 6 : Superposition



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We have 3 possible solutions to join course to course :

- 1) Connection using lacing wire. Units are joined by "stitching" , with wire supplied in coil form , through every mesh aperature of adjacent panels.
- 2) Connection using clips. Units are joined by use of a pneumatically applied "CL50 Hog ring" clip every other aperature.
- 3) Connection using joining coils. Units are joined by attaching joining coils as previously illustrated.



BETA FENCE

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STEP 6

Størst på områdesikring i hele Norge

