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Welded Box **Installation Manual**

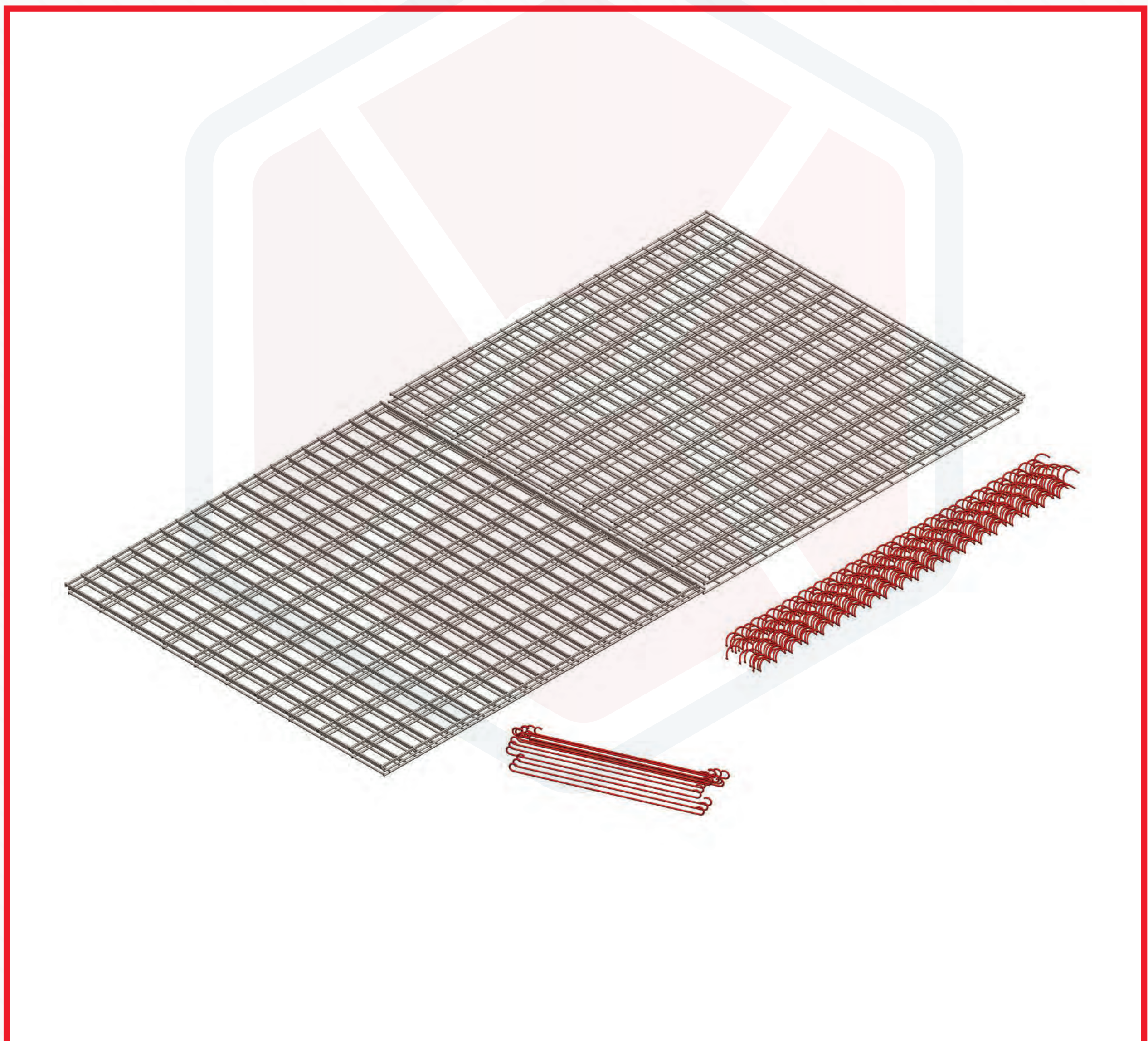
Step 1: Prepare the Materials

Refer to the visual, which shows the flat pattern as delivered. Ensure you have the following components:

A) Folded Mesh

B) Spirals

C) Bracing/Stiffeners



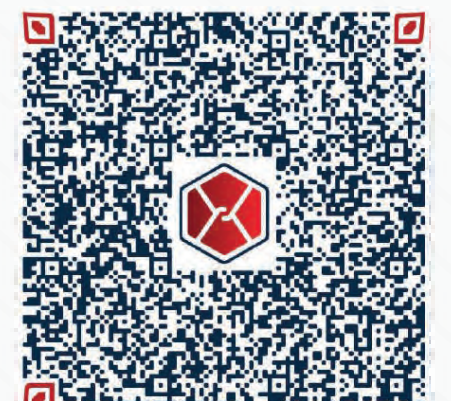
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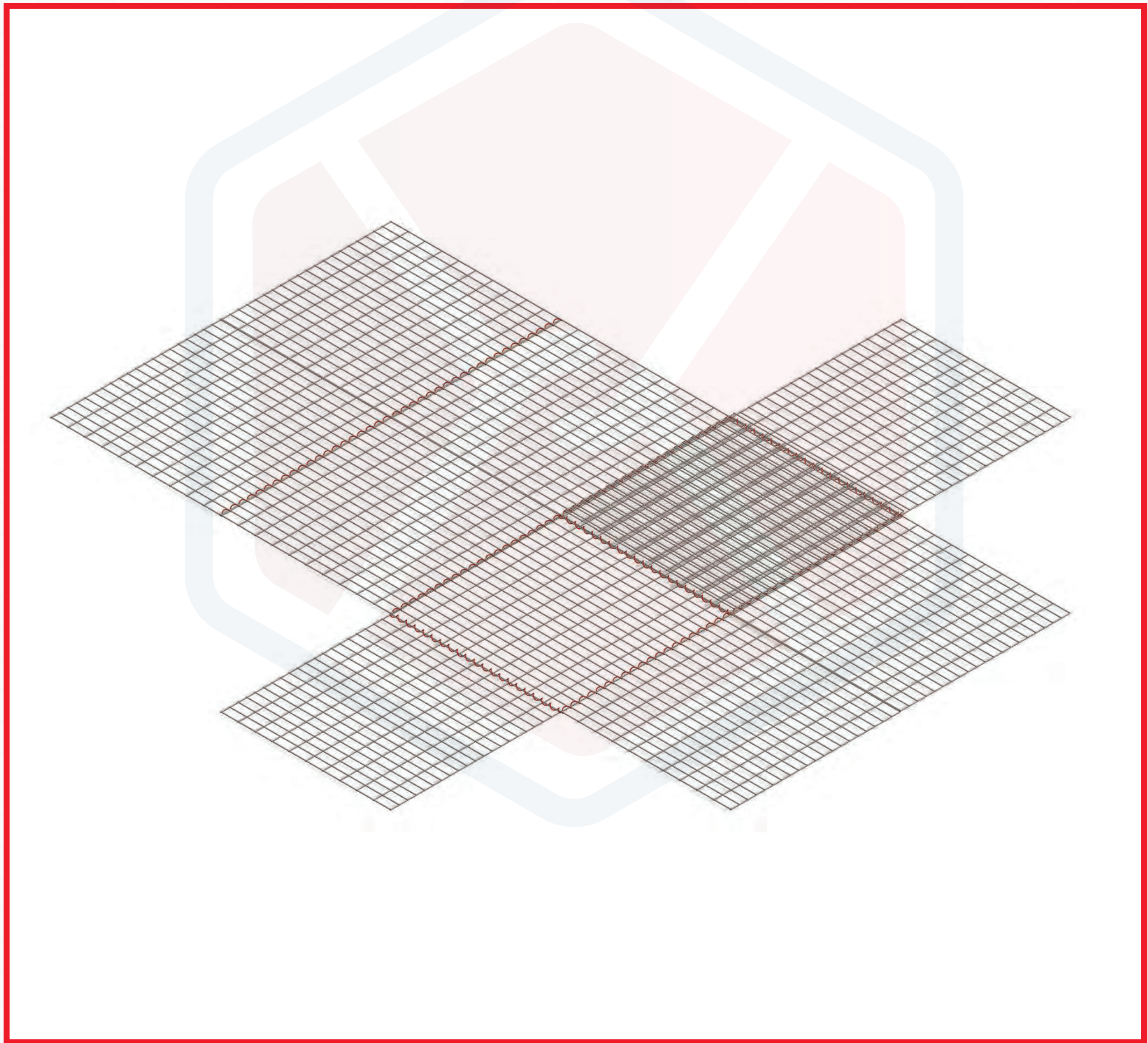


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Step 2: Unfold the Mesh Pattern

Unfold the mesh into a flat pattern, as shown in the visuals.



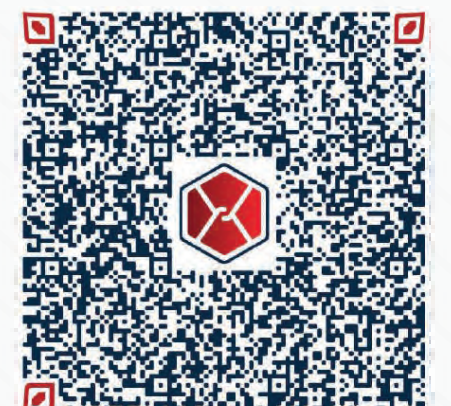
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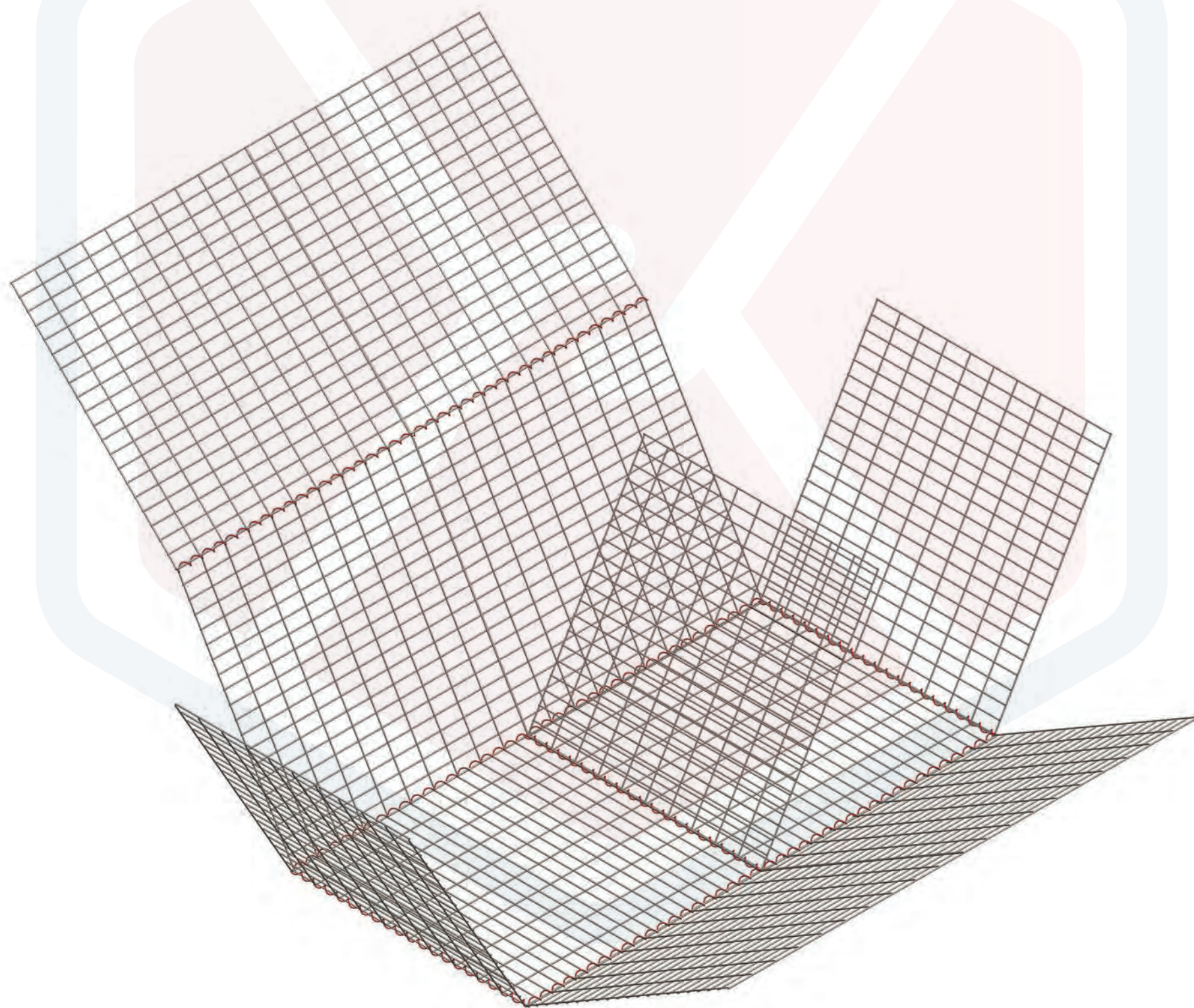


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Step 3: Erect Panels Up

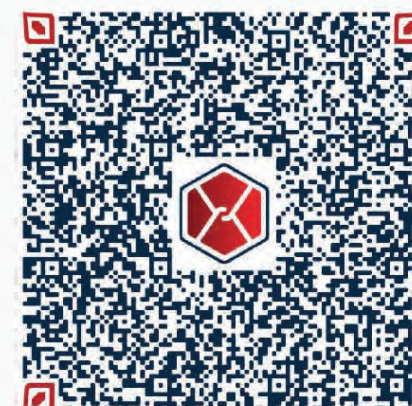
Place the end panels (right and left), diaphragms, and front and back panels vertically on the bottom section of the Gabion Box.



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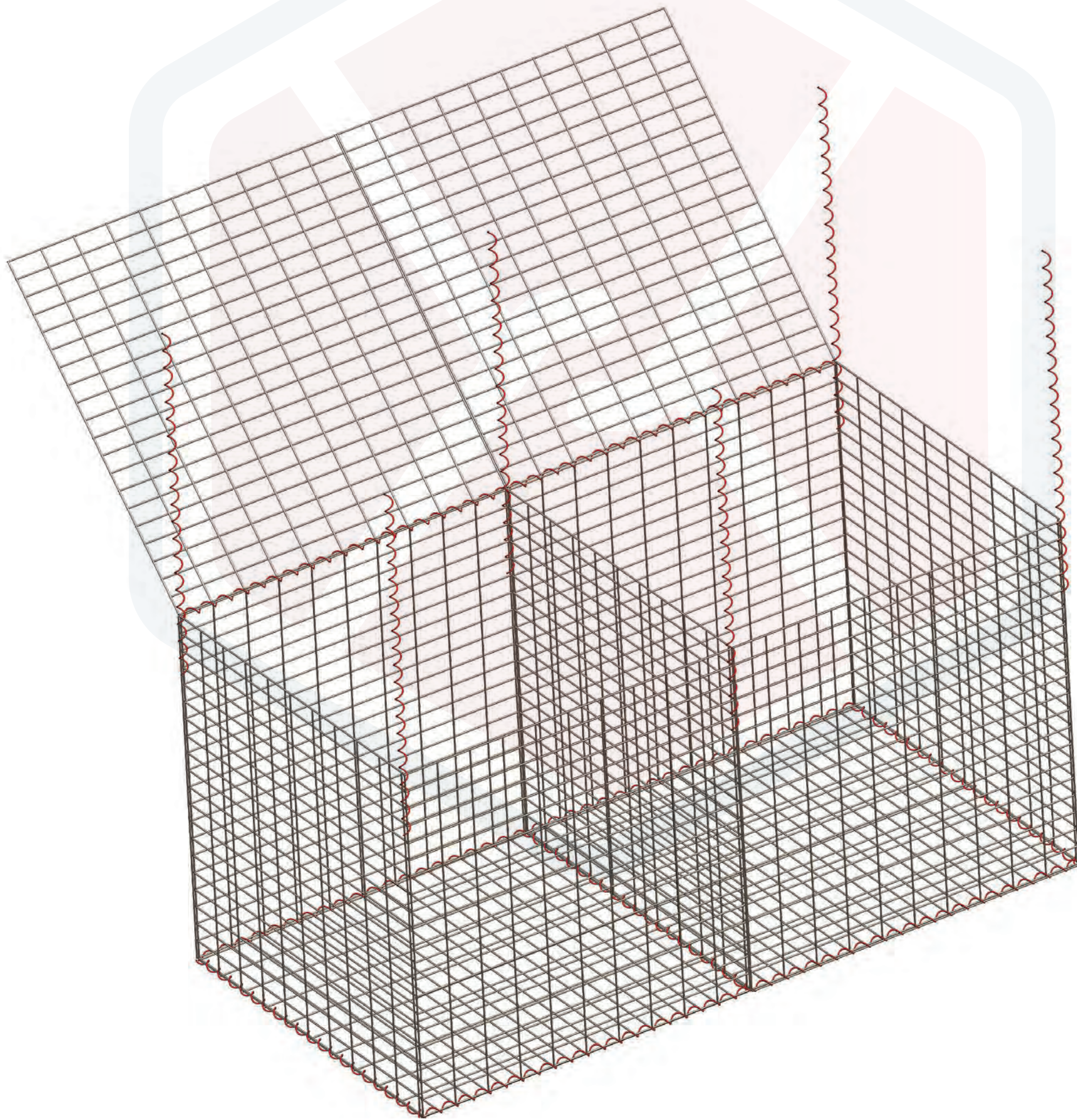
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Step 4: Secure Panels

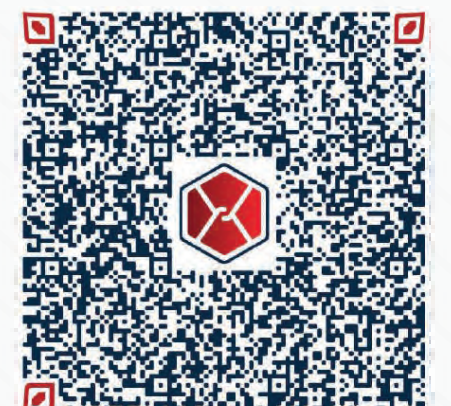
Secure the panels using any fixing method such as spirals, lacings, or C-pins. Use spiral binders to join adjacent panels through the mesh openings.



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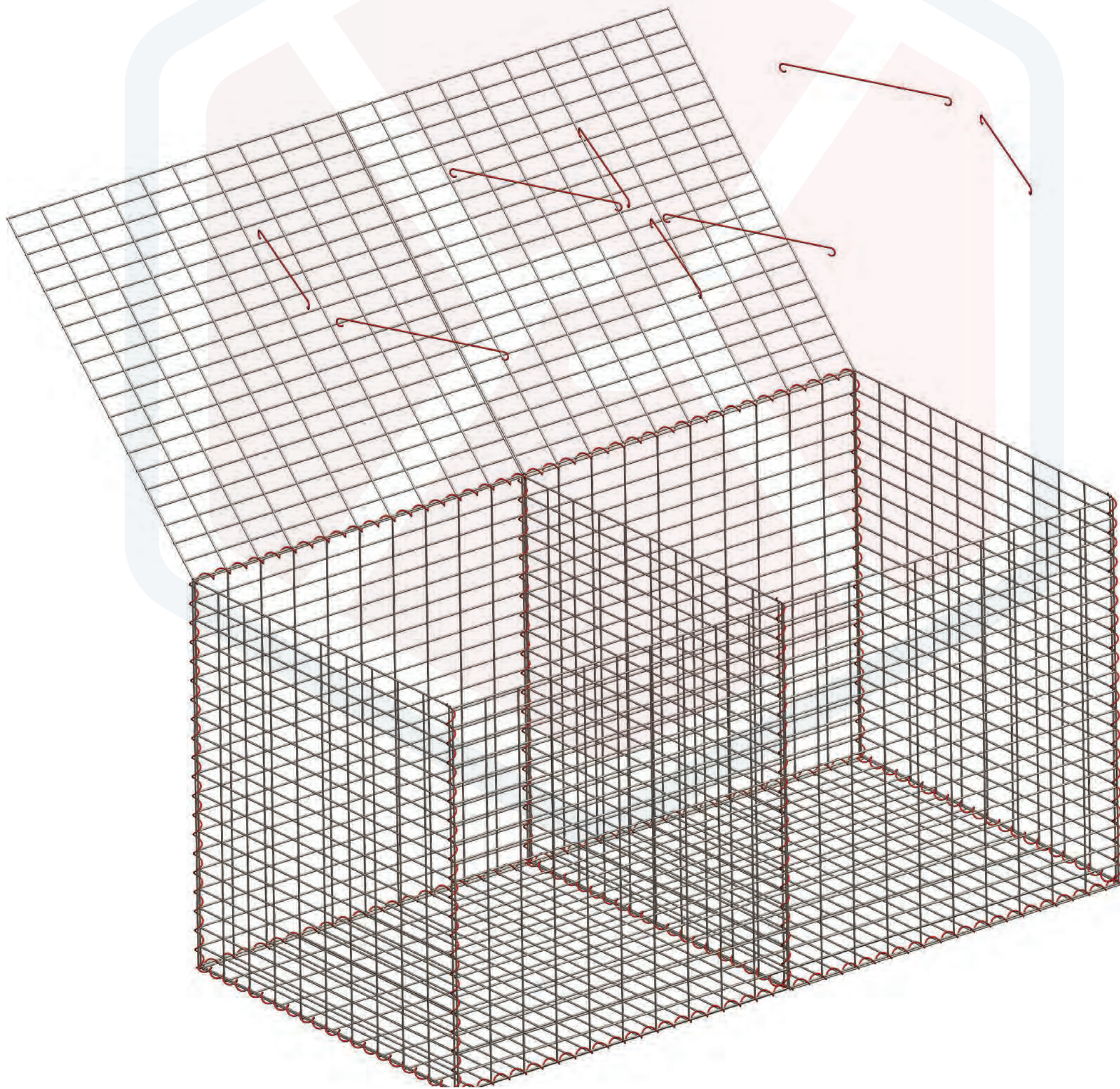
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Step 5: Install Stiffeners

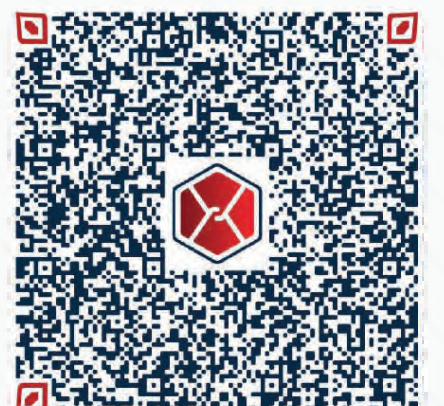
Place stiffeners diagonally across the corners, 300 mm from each corner. Crimp them over the line and cross wires on the front and side faces. No stiffeners are needed in interior cells.



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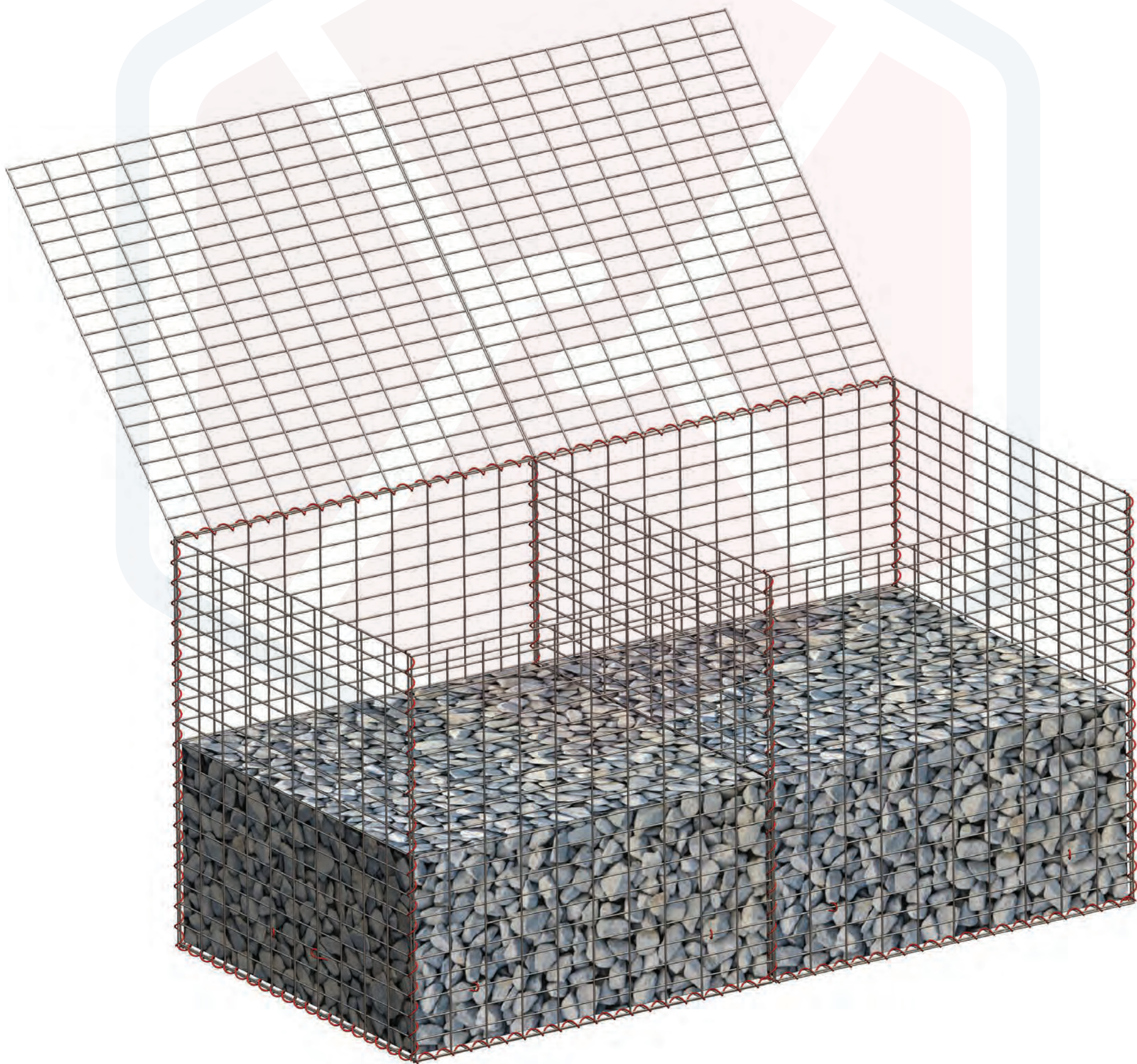
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Step 6: Stone Filling

Fill the Gabion Box halfway with stones, either by hand or using a shovel.



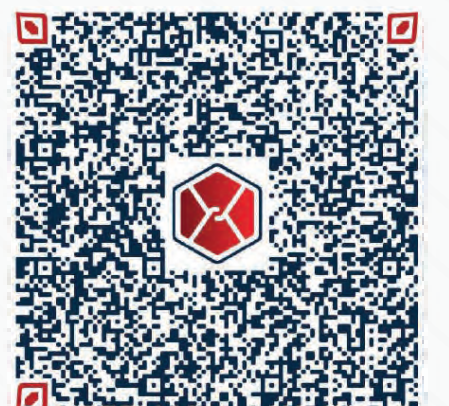
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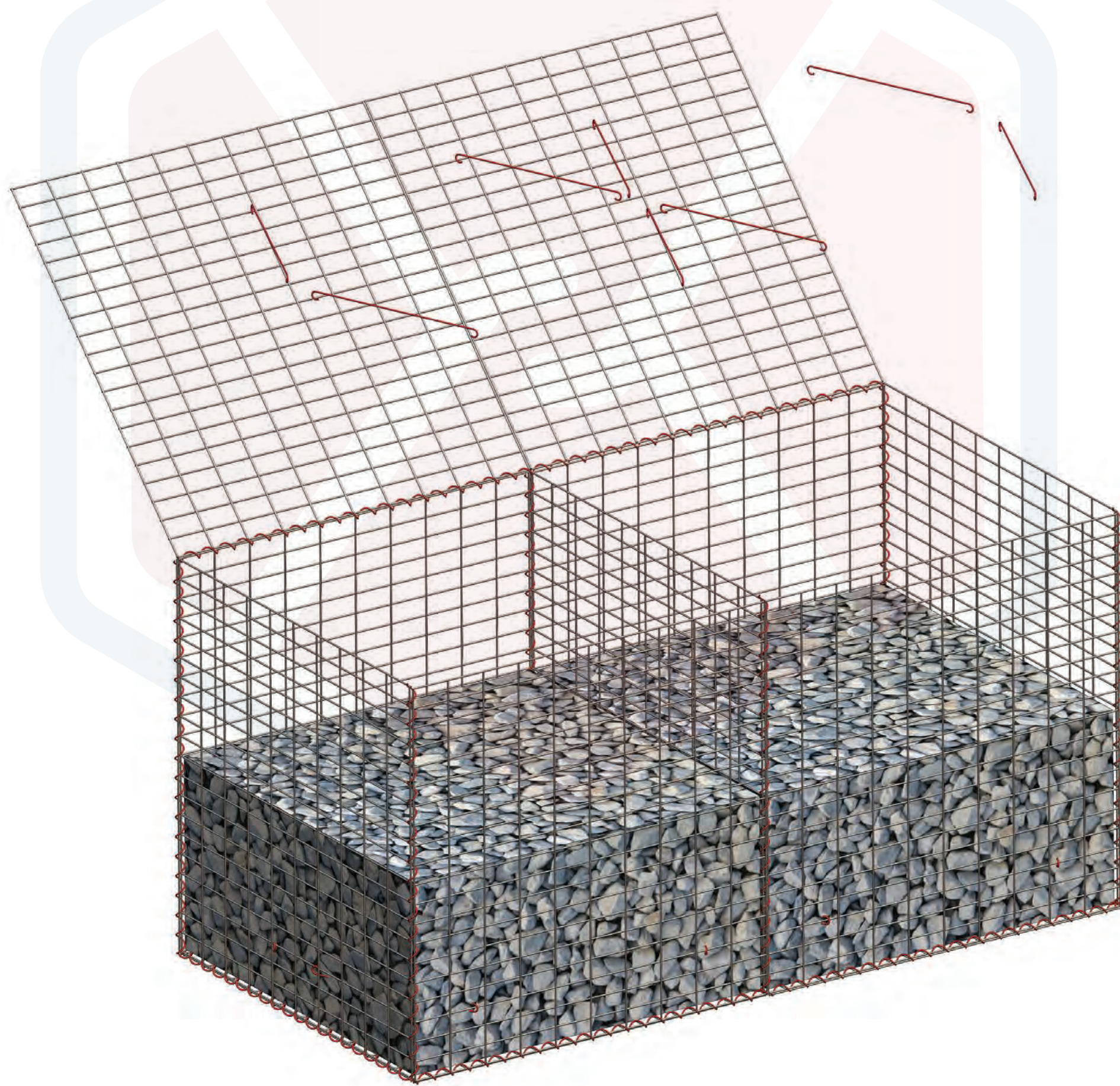


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Step 7: Place The Upper Stiffeners

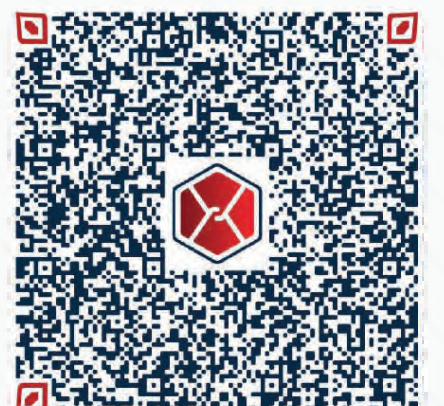
After half-filling the box, place the upper stiffeners in the same manner as described in Step 5.



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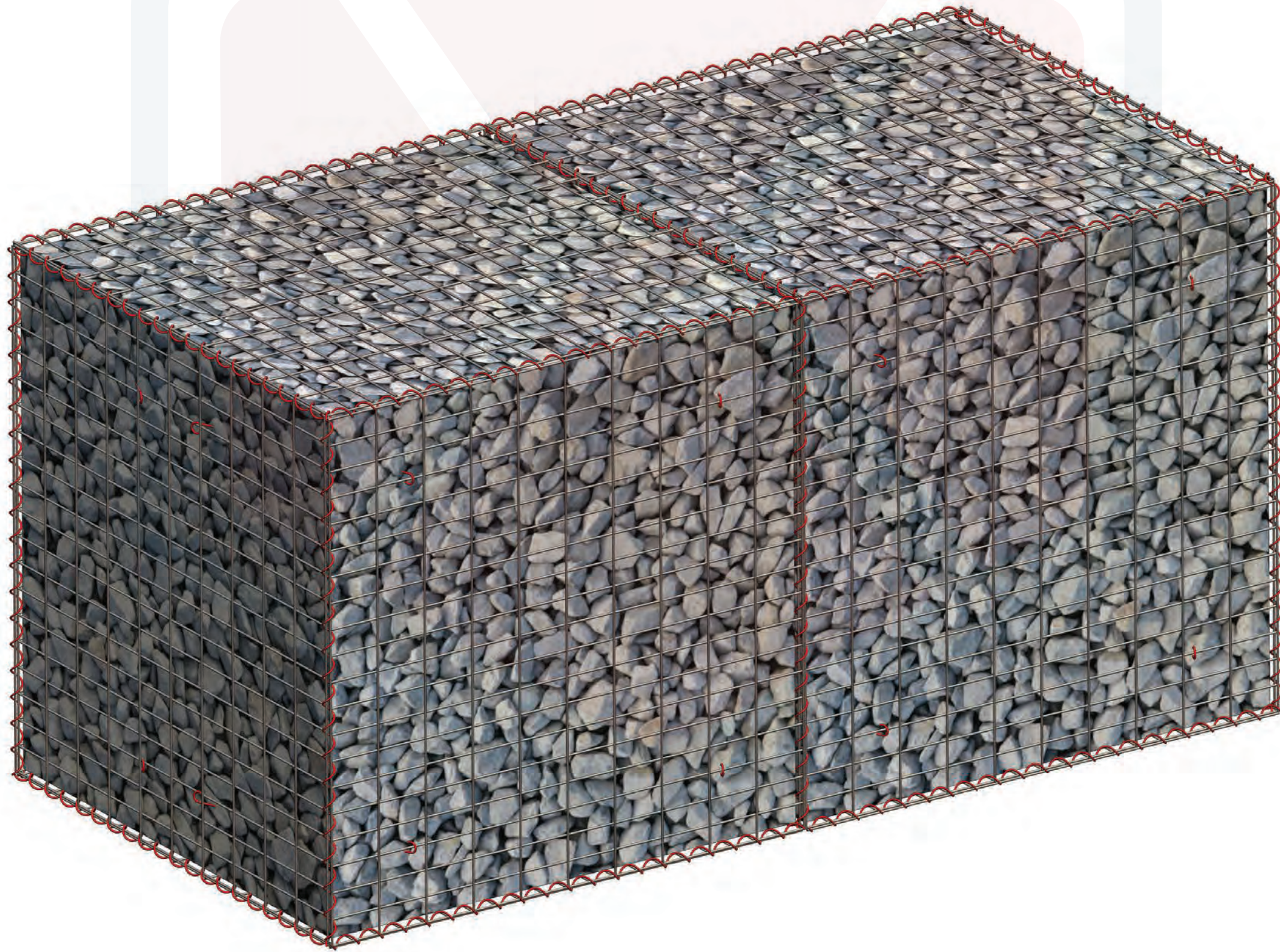
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Step 8: Stone Filling

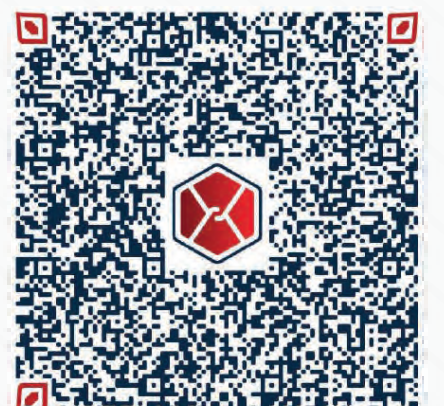
Fill the box completely with stones. Once filled, close the lid and secure it using spiral coils, as shown in the visuals.



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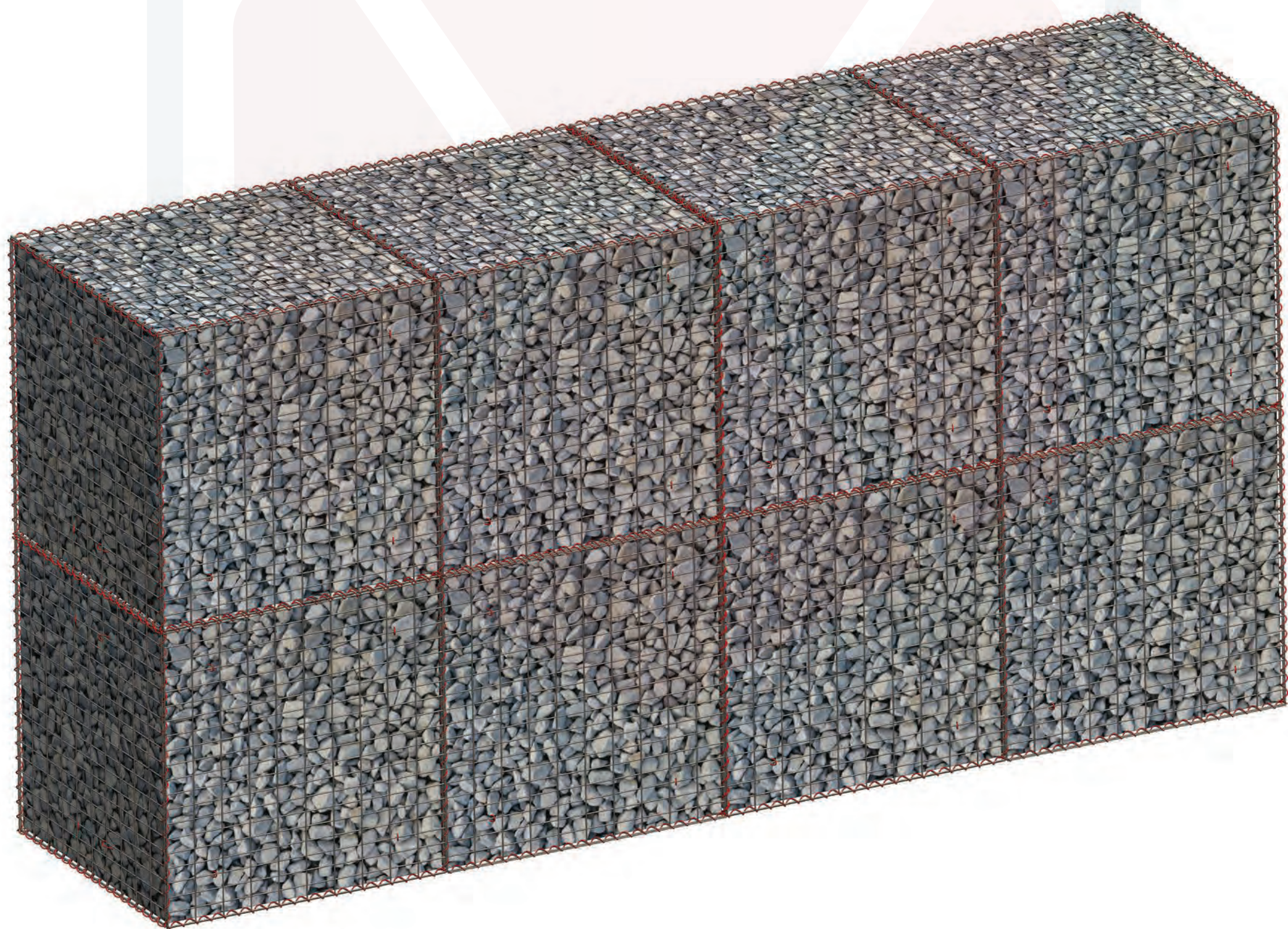
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Step 9: Repeat The Process To Make Gabion Wall

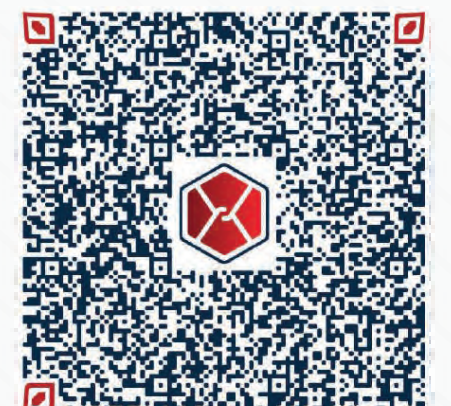
When stacking multiple tiers of welded Gabion Boxes, the lid of the lower tier serves as the base of the upper tier.



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