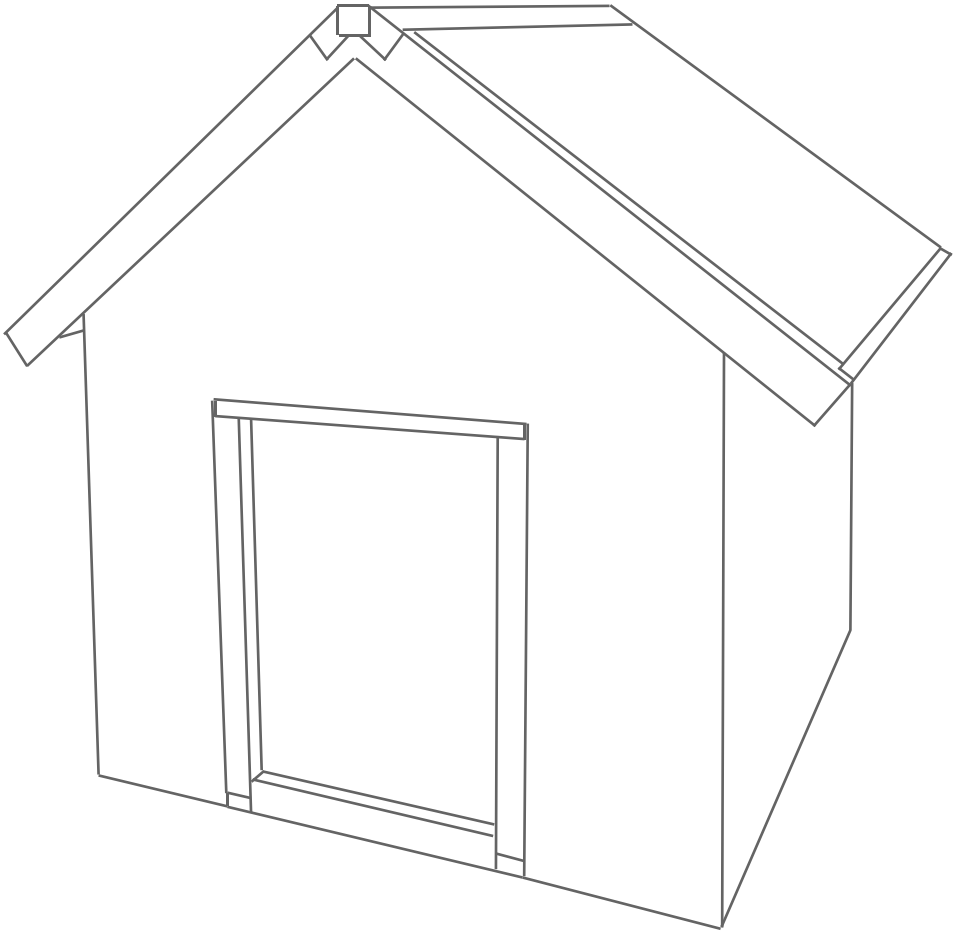
SteelChief®
SMALL SHEDS. BIG IDEAS.

COL WESTERN SHEDS

Steel Dog Kennel (Gable Roof)

EASY TO ERECT, QUALITY PRE-ASSEMBLED PANELS



INSTALLATION NOTES

Please read all instructions before installing.

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What You Need



Impact Driver



8mm Hex Driver for Self-drilling Screws



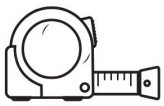
Eye Protection



Leather Gloves



Ear Protection



Measuring Tape

What's Supplied



Self Drilling Screws (Hex head)
20mm long
Qty: 20

☐ Load check



Self-drilling T17 Screws (Hex head)
35mm long
Qty: 8

☐ Load check

1 x Floor	Particleboard attached with joists attached to base	☐ Load check
1x Front (Gable end)	Small – 0.81m x 0.95m Medium – 0.81m x 1.145m Large – 1.20m x 1.285m	☐ Load check
1 x Back (Gable end)	Small – 0.81m x 0.95m Medium – 0.81m x 1.145m Large – 1.20m x 1.285m	☐ Load check
2 x Side	Small – 0.81m x 0.625m Medium – 1.58m x 0.82m Large – 1.58m x 0.82m	☐ Load check
2 x Roof	Small – 0.81m x 0.625m Medium – 1.58m x 0.625m Large – 1.58m x 0.82m	☐ Load check
1 x Ridge top	Steel ridge capping folded both ends.	☐ Load check

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Note about “Impact Driver” vs “Drill”

An impact driver is different from a drill in that it delivers high torque with rapid, forceful impacts, making it more effective for driving screws into tough materials. A standard drill provides more of a rotational force suitable for drilling holes and for driving screws that require less resistance. It is recommended to use an impact driver instead of a standard drill, especially for the screws that drive into the wooden floor.

Don’t Have or Can’t Get and Impact Driver?
If you’re not able to obtain an impact driver, a standard drill can still be used, but holes may need be predrilled with a drill bit size relative to the screw being inserted.

Instructions online

Tip: Watch installation video for an overview of steps required

Visit https://steelchief.com.au/install-dk-steel

Scan QR code
with phone camera

Steps

1. Prepare the Floor
Place the timber floor on the ground with the bearers facing down and the particleboard facing up. Ideally, find an area that is flat and allows you to move freely around the entire kennel, close to where the finished kennel will be situated. Note the bearers that extend out from the sides of the particleboard (the rebate), where the walls will later sit.

2. Position the First Two Walls
Place one of the gable ends and a side wall on top of the floor, using the floor as a rest to support the walls while assembling. Form an overlapping corner join as per Drawing 1. Use 3x Self Drilling Tek Screws (bottom, middle, and top) with an 8mm Hex Driver as the drill bit to secure the walls together. Pre-drilling holes is not required.

3. Assemble All Four Walls
Proceed to screw all the walls together in the same manner. Make sure each wall is secured to its adjacent wall using Self Drilling Tek Screws at the bottom, middle, and top points with an 8mm Hex Driver.

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4. Place the Walls onto the Floor
Once all four walls are assembled, slide them into the rebate of the timber floor. The rebate is formed by the bearers extending past the edge of the particleboard floor, creating a groove or notch that the walls fit into. Ensure the walls fit snugly into this groove to secure them properly.

5. Fix Walls to the Floor
Fix the kennel to the timber floor from the outside of the wall into the timber bearers using T17 screws with an 8mm Hex Driver. For each wall, place one screw at the base of one of the vertical frames and another screw at the opposite end, ensuring they penetrate the floor joists under the particleboard. Use 2 screws per wall. The T17 screws can be driven straight through the bottom steel channel (Base Smart).

6. Install the First Roof Panel
Add one of the roof panels, ensuring it sits flush with the point of the gable peaks. Roof flashings are the protective coverings that seal the edges of the roof panels. Using two hex head tek screws with an 8mm Hex Driver, secure the roof panel by drilling through the roof flashing into the top of the gable walls, which are the uppermost parts of the kennel. Place one screw near the front and one near the back of the roof panel.

7. Install the Second Roof Panel
Repeat the same steps to fix the second roof panel on the opposite side, ensuring it sits flush with the gable peaks and joins up at the same position as the first roof panel.

8. Align the Ridge Cap
Add the ridge over the top. Align the ridge cap over the joint between the roof panels. Secure it using an 8mm Hex Driver and Self Drilling Tek screws. Place two screws at each end of the ridge, ensuring they pass through the ridge cap and into the edges (channelling) of the roof panels.