

CLIK'N'FIT® FENCING, GATE & SCREEN INSTALLATION



The Klik'n'Fit® system is a patented product suitable for fencing panels, gates and privacy screening. The posts, rails, slotted post inserts and slats are all made from 100% COLORBOND® steel, renowned for its strength, durability and style! The Klik'n'Fit® Fencing & Gate system is so simple you can install it yourself making it the affordable choice.

CLIK'N'FIT® FENCE INSTALLATION

If you are installing a new fence including the post and rails please refer to [Tech 68 NEETASCREEN® Post & Rail installation](#) first. If you have completed this step or you are retrofitting an existing COLORBOND® fence then this Tech Sheet 69 is all you need. You can also use our video for a guided demonstration.

www.youtube.com/watch?v=Fb5WiSf17aU

Below is a simple step-by-step guide to help you successfully install your new Klik'n'Fit® fence, screen or gate. Before starting, check you have the correct components for the type of fence you are installing.

TOOLS YOU NEED

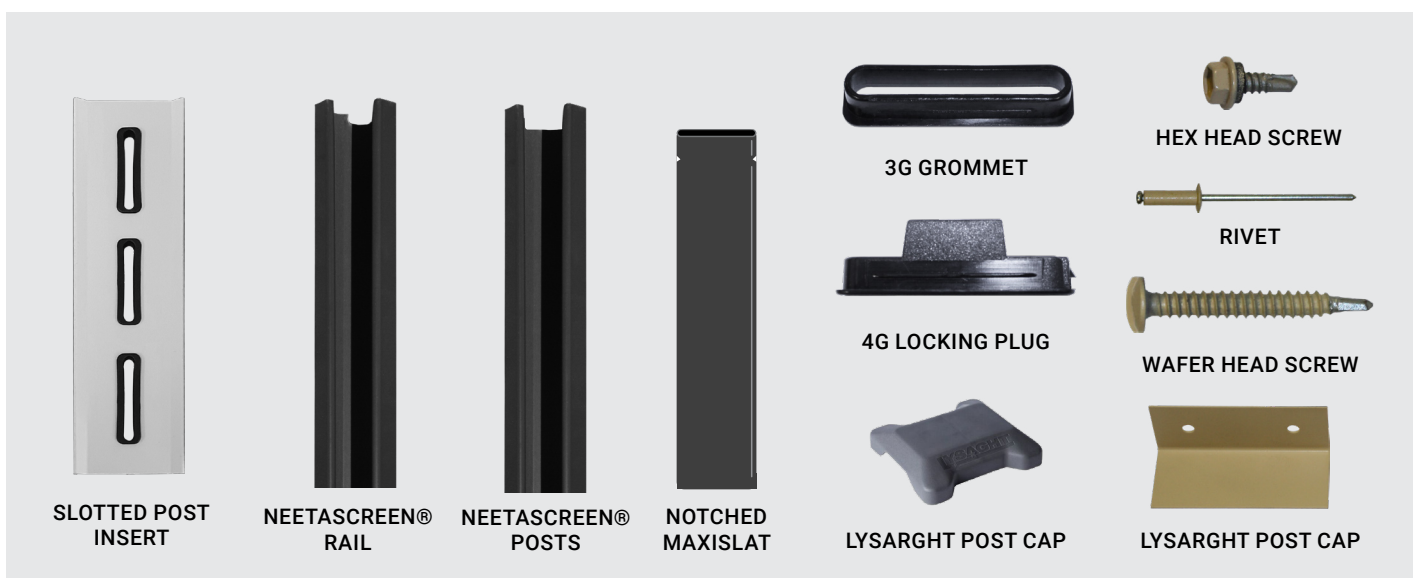
- ◆ Tech Screw Driver (or power drill) with torque adjustment
- ◆ 1/8" metal double ended drill bit & battery drill
- ◆ Pop rivet gun
- ◆ Markers, coloured pencils or chalk – not lead pencil
- ◆ Tape measure
- ◆ Safety gloves and glasses
- ◆ Sharp knife (to split post caps)
- ◆ Tin snips (if cutting required)
- ◆ Nibbler (optional if cutting required) Power saw with metal cutting blade (optional if cutting required)

Standard Klik'n'Fit® panels are 2350mm wide which is also the standard length for Lysaght NEETASCREEN® rails. The slat length is determined by subtracting 40mm from the distance between your posts eg 2350mm panel will require 2310mm slat length. If you require a custom panel @ 1963mm wide the slat length will be 1923mm.

IMPORTANT: Please ensure that the posts are installed no more than 2350mm (+10mm) apart.

ITEMS REQUIRED FOR ONE PANEL (2350MM WIDE):

- ◆ Lysaght NEETASCREEN® Standard Posts (2)
- ◆ Lysaght NEETASCREEN® Universal Rails (2)
- ◆ Lysaght NEETASCREEN® Caps (2)
- ◆ Self-drilling screws Hex Head #10-16 (pre-painted) for joining posts to rails (See Table 1 for quantity)
- ◆ Wafer Head screw 10g 40mm GAL for securing Centre Vertical Slat (2)
- ◆ One Slotted Post Insert pack (choose size) includes:
 - One Slotted Post Insert prefitted with CNF-UP3 Grommets
 - One Slotted Post Insert prefitted with CNF-UP4 Locking Plugs
- ◆ Notched COLORBOND® steel Maxislats. See Table 1 for quantity
- ◆ COLORBOND® steel Centre Vertical Slat – pre-drilled including one pack of matching 4/5 Aluminium rivets. Quantity equals 1 per Maxislat
- ◆ Angle (300mm Fence Topper only- to attach Centre Vertical Slat to Base of Rail)



Fence Height (mm)	1800	1480	1163	300	1800	1480	1163
Slat Spacing	25mm	25mm	25mm	25mm	15mm	15mm	15mm
MaxiSlat Quantity	21	17	13	3	23	18	4=14
MaxiSlat Length	2315	2315	2315	2315	2315	2315	2315
Slotted Post Inserts (2)	1690	1373	1053	250	300	1373	1053
Centre Vertical Slat (1)	1800	1490	1163	300	1800	1480	1163
NEETASCREEN Post** (2)	2400	1800	1800	N/A	2400	1800	1800
NEETASCREEN Rail (2)	2350	2350	2350	2350	2350	2350	2350

** Post size is dependant on whether the posts are installed in the ground or on a concrete slab.

POST CAPS

All post caps must be positively secured to your fence with either neutral cure silicone sealant or hex head screws. For a single standard post, it is easy to cut a cap in half with a sharp knife in the groove molded into the underside. Make sure you trim the edges straight.

The approximate time taken for Clik'n'Fit® panels assembly and installation is 15 minutes per panel for 2 men or 30 minutes per panel for 1 man.

SLOTTED POST INSERTS

1. Ensure locking plugs and grommets are fully seated into the Slotted Post Inserts. CNF-UH4 locking plugs go into one post insert and CNF-UP3 grommets go in the other post insert. Make sure the locking plugs are all the same with the lock point at the bottom of the slot.
2. Remove top rail and insert Slotted Post Inserts with locking mechanism of the plug at the base or bottom of each hole. If you are facing the fence, the locking plug with the fully enclosed backing will be in the left-hand post. You are now ready to insert the slats.

INSERTING THE MAXISLATS

1. Pull back the core strip (plastic covering) from each end of the slat approximately 100mm. Each slat will have a small notch near the bottom of the left end.
2. The slat's roll-formed seam should be at the top rear of the slat when it is inserted.
3. Insert the slat into the top hole of the Slotted Post Insert by pushing it fully into the UP3 Grommet until it contacts the rear of the COLORBOND® post. The other end of the slat will now be able to be pushed into the UP4 Locking Plug where it is pushed into the final locking position. You may need to move the slat up or down to get it past the edge of the COLORBOND® post.
4. Continue installing the slats until all slots are filled.
5. Remove all plastic core strip from the installed slats
6. Mark the centre of the top and bottom slats with a non-carbon pencil.
7. Peel the CORSTRIP® (plastic covering) from the Centre Vertical slat just before use. The pre-drilled Centre Vertical Slat (CVS) is now placed in position by standing it in the centre of the bottom rail and moving it into position so the pre-drilled holes sit in the centre of the slats. The CVS is then screwed into position through the top and bottom rail using the 2 wafer screws to hold it in place. Drill through each hole in the Centre Vertical Slat into the MaxiSlat beneath using a 1/8" double ended drill bit. The drill bit should protrude no more than 10mm from the drill to ensure you don't go through the far side of the MaxiSlat. Before riveting the holes use a cloth and wipe behind Centre Vertical Slat to remove any swarf from the drilling. Then rivet each hole with a rivet gun.
8. Replace the top rail on the fence panel and secure with pre-painted self-drilling hex head screws #10-16. One screw each side of each corner e.g. 8 per panel.
9. Secure the CVS to the top and bottom rails using a 10G 40mm wafer head screw.
10. Place caps on top of posts and panel is now finished.

CLIK'N'FIT® FENCING, GATE & SCREEN INSTALLATION



CLIK'N'FIT® GATE ASSEMBLY (FOR FLAT-PACK GATE)

The Clik'n'Fit® gate is designed to perfectly compliment the Clik'n'Fit® fence or screen panel. Gate kits are available for a single gate, driveway gates or extra width gates. Gate accessory kits are available that include hinges, latch-lock sets, handle, drop bolt, stile caps and appropriate fasteners. The Clik'n'Fit® gate can be supplied as a flat packed system using powder coated keyed tube and keyed gate stakes or as a fully welded powdered gate frame. The choice will usually be determined by the size of the gate or the freight considerations.

NOTE: The slotted Side Rails will already be plugged for the COLORBOND® slats

NOTE: The Gate Stakes will already be inserted into the Top and Bottom Rails and riveted ready for assembly.

TOOLS REQUIRED

- ◆ Flat area with soft covering or blanket to protect the powder coat of the gate.
- ◆ Rubber mallet to tap corner stakes into side rails.
- ◆ Riveter

COMPONENTS

- ◆ 2 x 50mm x 50mm rails Top and Bottom with gate corner stakes.
- ◆ 2 x 50mm x 50mm gate sides (1xL&1xR)
- ◆ Notched COLORBOND® Maxislats 55mm x 7.5mm x number of slots required.
- ◆ 55mm Colorbond slats are always cut 60mm less than gate width.
- ◆ 12x 5-6 rivets

Contents of a Standard Gate Kit	1800x 915	1435x 915	1143x 915	1800x 1665	1435x 1665	1143x 1665	1800X 915	1435X 915	1143X 915	1800X 1665	1435X 1665	1143X 1665
Slat Spacing	25mm	25mm	25mm	25mm	25mm	25mm	15mm	15mm	15mm	15mm	15mm	15mm
Gate Styles	2	2	2				2	2	2			
Gate Style Lenth	1700	1280	1063				1700	1335	1043			
Gate Top & Bottom Rail	2	2	2				2	2	2			
Gate Rail Length	815	815	815				815	815	815			
Gate Stake	4	4	4				4	4	4			
Notched Maxislats	21	17	13	21	17	13	23	18	14	23	18	14
Maxislat Length	905	905	905	1655	1655	1655	905	905	905	1655	1655	1655
Grommets	43	35	27	43	35	27	46	36	28	47	37	29
Locking Plug for CVS	1	1	1	1	1	1	1	1	1	1	1	1
Centre Verticle Slat (CVS)	1	1	1	1	1	1	1	1	1	1	1	1
CVS Lenth	1740	1420	1103	1740	1420	1103	1740	1375	1083	1740	1375	1083
Style Foam Buffer (m)	3.4	2.76	2.13	3.4	2.76	2.13	3.4	2.76	2.13	3.4	2.76	2.13
5-6 Rivets Gate Corner	8	8	8				8	8	8			
CVS Rivets 4-5	21	17	13	21	17	13				23	18	14

GATE ASSEMBLY:

1. Lay out gate sides as marked left, right top and bottom.
2. Insert top and bottom rails into the side rails to make a frame. Make sure rivet holes are all on one side.
3. Tap frame together with rubber mallet. Ensure all joins are all tight and flush. Excess powder coat can gather between gate stake and side rail, carefully remove and tap frame flush. You must have a solid surface with a sou covering to prevent any damage to powder coat of gate rails and corner stakes.
4. Square up gate frame by checking the diagonal measurement on both sides of the frame. Tap frame into square where required before riveting.
5. Inserts Rivets into the pre-drilled holes on the gate sides. (3 required on each corner).
6. Before inserting slats turn gate over so rivet side is facing down
7. Take the slat and peel back the plastic cover strip 150mm from each end.
8. The slat has a rolled edge, this is the rear of the slat. Looking at the face of the slat the locking notch should be on the bottom right side.
9. Insert slats into left side of the frame and pull slat back into right side of frame until you hear the slat click into the locking clip.
10. If the gate is over 1000mm a Centre Vertical Slat will be supplied. Insert Centre Vertical Slat into Uni 3 Bush in top rail and then back into Uni 4 Locking Plug in bottom rail. The pre-drilled holes in the Centre Vertical Slat will line up with the centre of each horizontal slat. Using a 1/8th drill and the pre-drilled hole locations, drill through the rivet holes into the Maxislat and using the supplied rivets to fix the centre vertical slat to the horizontal slats.
11. Ensure you wash or wipe away all swarf (metal particles) from the panel or they will stain.
12. This will now complete assembly of your Clik'n'Fit® COLORBOND® Gate

CLIK'N'FIT® GATE INSTALLATION

- ◆ For gate post installation please refer to [Tech 68 Lysaght NEETASCREEN® Fence Installation](#).
- ◆ For welded gate frames please follow the instructions for a fence panel for installation of the slats

GATE WIDTHS & GATE POST SPACING

- ◆ For single gates - post clearances must be the width of the gate plus 15-20mm (e.g. 10mm Hinge side of gate/5-10mm Lock side of gate (depending on lock type))
- ◆ For double gates - posts clearance must be the width of the double gates plus 25-30mm (e.g. 2 x 10mm Hinge side of gate/5-10mm Lock side of gate (depending on lock type)).
- ◆ The slat length for a gate is 10mm less than the width of the gate. The instructions for installing slats into a gate frame are the same as the fence panel above.

SCREEN INSTALLATION

For screen installation or installation of panels between brick piers start with screwing the NEETASCREEN® post to your posts or brick piers. Then follow the instructions for inserting the Slotted Post Inserts and Maxislats as above.

CARE & MAINTENANCE

Refer to [Sale 78 - Product Care and Maintenance](#) for some basic recommendations for the use of COLORBOND® steel and ZINCALUME® steel products. Always use the recommended steel grade to suit your environment and any special corrosive influences,

REFERENCE: This publication includes extracts from **Lysaght Fence & Gate Installation Guide**. For Full details and recommendations refer to the **BlueScope Steel Technical Bulletins**

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