



CLIK'N'FIT®
COLORBOND®
SLAT FENCING,
GATES & SCREENS

ASSEMBLY & INSTALLATION

COLORBOND® CLIK'N'FIT® SLAT 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 - 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

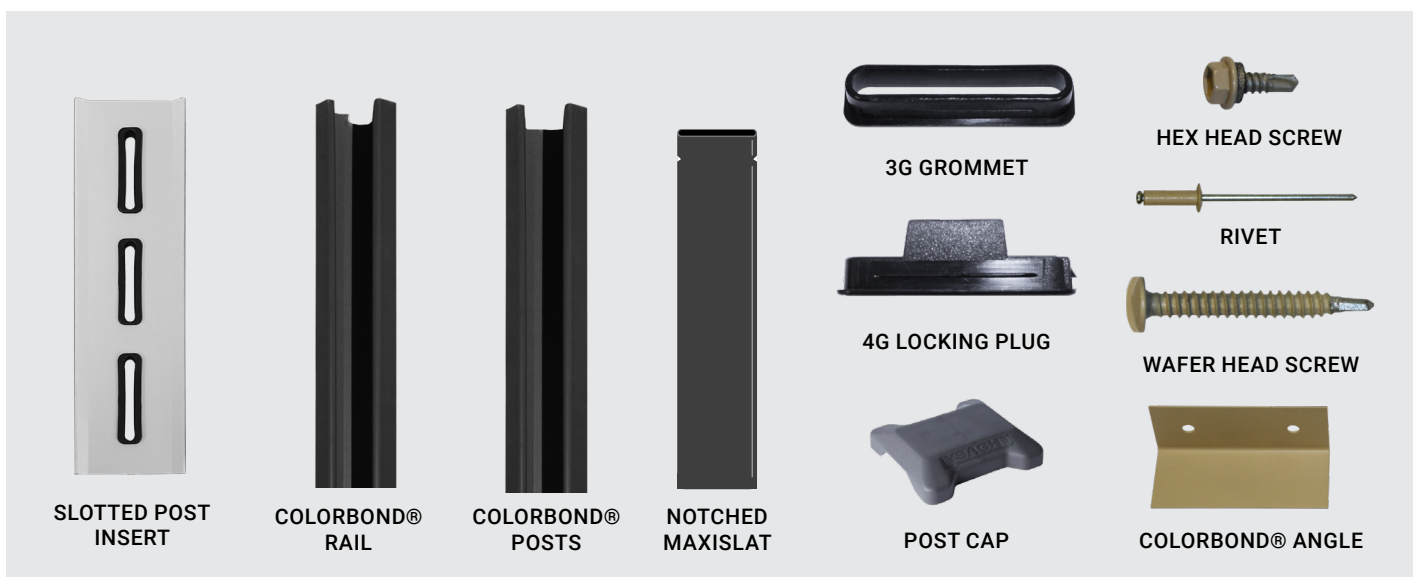
- ◆ Tech Screw Driver (or power drill) with torque adjustment
- ◆ 1/8" metal double ended drill bit & battery drill
- ◆ Pop rivet gun
- ◆ Markers, coloured pencils or chalk – not lead pencil
- ◆ Tape measure
- ◆ Safety gloves and glasses
- ◆ Sharp knife (to split post caps)
- ◆ Tin snips (if cutting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

Standard Klik'n'Fit® panels are 93 5/16" (2370mm) wide. The slat length is determined by subtracting 1 9/16" (40mm) from the distance between your posts eg: 93 5/16" panel will require 91 3/4" (2330mm) slat length. If you require a custom panel @ 77 5/16" (1963mm) wide the slat length will be 75 11/16" (1923mm).

IMPORTANT: PLEASE ENSURE THAT THE POSTS ARE INSTALLED NO MORE THAN 2365MM (+10MM) APART.

ITEMS REQUIRED FOR STANDARD PANEL

- ◆ COLORBOND® Standard Posts (2)
- ◆ COLORBOND® Universal Rails (2)
- ◆ 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 1 9/16" GAL for securing Centre Vertical Slat (2)
- ◆ One Slotted Post Insert pack (choose size) includes:
- ◆ One Slotted Post Insert pre fitted with CNF-UNI 3 Grommets
- ◆ One Slotted Post Insert pre fitted with CNF-UNI 4 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 (11 13/16" (300mm) To attach Centre Vertical Slat to Base of Rail: for installation of fence topper or to invert bottom rail to prevent accumulation of leaves and debris.)



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



TABLE #1

Fence Height (Inches)	70 ⁷ / ₈ "	58 ¹ / ₄ "	45 ¹³ / ₁₆ "	11 ¹³ / ₁₆ "
Slat Spacing	¹⁵ / ₁₆ "	¹⁵ / ₁₆ "	¹⁵ / ₁₆ "	¹⁵ / ₁₆ "
Maxislat Qty	21	17	13	3
Maxislat Length	92 ¹ / ₈ "	92 ¹ / ₈ "	92 ¹ / ₈ "	92 ¹ / ₈ "
SPIs Length (2)	66 ⁹ / ₁₆ "	54"	41 ⁷ / ₁₆ "	9 ¹³ / ₁₆ "
CVS Length (1)	70 ¹ / ₂ "	57 ¹⁵ / ₁₆ "	45 ³ / ₈ "	11 ⁷ / ₁₆ "
Post Length** (2)	94 ¹ / ₂ "	82 ¹¹ / ₁₆ "	70 ⁷ / ₈ "	N/A
Rail Length (2)	93 ⁵ / ₁₆ "	93 ⁵ / ₁₆ "	93 ⁵ / ₁₆ "	93 ⁵ / ₁₆ "
Hex Head Screws Qty	24	20	18	N/A
Wafer Head Screws Qty	2	2	2	2
Rivets Qty	21	17	13	3

** Post size is dependent 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 people or 30 minutes per panel for 1 person.

INSERTING THE MAXISLATS

1. Pull back the CORSTRIP® (plastic covering) from each end of the slat approximately 4". 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 SPI by pushing it fully into the UNI 3 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 UNI 4 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.

HINT: ALWAYS START AT THE TOP AS YOU MAY INJURE YOUR FINGERS STARTING FROM THE BASE IF A SLAT SLIPS AND FALLS NEXT TO AN INSERTED SLAT.

4. Continue installing the slats until all slots are filled.
5. Remove all CORSTRIP® from the installed slats
6. Replace the top rail on the fence panel and secure with pre painted self-drilling Hex Head Screws. One screw each side of each corner e.g. 8 per panel.
7. Mark the centre of the top and bottom slats with a non-carbon pencil.

SLOTTED POST INSERTS - SPI

1. Ensure locking plugs and grommets are fully seated into the SPIs. CNF-UNI 4 locking plugs go into one post insert and CNF-UNI 3 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 SPIs 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.

8. Prepping and Attaching the Centre Vertical Slat (CVS)
 - Peel the CORSTRIP® from the Centre Vertical Slat (CVS) just before use.
 - The pre drilled 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 2 x Wafer Screws to hold it in place.
 - Drill through each hole in the CVS into the maxislat beneath using a ¹/₈" double ended drill bit. The drill bit should protrude no more than ³/₈" from the drill to ensure you don't go through the far side of the slat. Before riveting the holes use a cloth and wipe behind CVS to remove any swarf from the drilling. Then rivet each hole with a rivet gun.
9. Once placing the post caps on top of the posts, you will have now completed the assembly of your panel.

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

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

The Klik'n'Fit® gate is designed to perfectly compliment the Klik'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 Klik'n'Fit® gate can be supplied as a flat packed system using powder coated aluminum keyed tube and keyed gate stakes or as a fully welded powder coated aluminum 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 2" x 2" Rails Top and Bottom with gate corner stakes.
- ◆ 2 x 2" x 2" gate sides (1 x Left and 1 x Right)
- ◆ Notched COLORBOND® maxislats 2 ³/₁₆" x 5 ⁵/₁₆" x number of slots required.
- ◆ 2 ³/₁₆" COLORBOND® slats are always cut 2 ³/₈" less than gate width.
- ◆ 12 x 5-6 rivets

TABLE #2

Contents of a Standard Gate Kit	70 ⁷ / ₈ " x 36"	56 ¹ / ₂ " x 36"	45" x 36"	70 ⁷ / ₈ " x 36"	56 ¹ / ₂ " x 36"	45" x 36"
Slat Spacing	1 ⁵ / ₁₆ "	1 ⁵ / ₁₆ "	1 ⁵ / ₁₆ "	1 ¹ / ₁₆ "	1 ¹ / ₁₆ "	1 ¹ / ₁₆ "
Gate Style Length (2)	66 ¹⁵ / ₁₆ "	50 ³ / ₈ "	41 ⁷ / ₈ "	66 ¹⁵ / ₁₆ "	52 ⁹ / ₁₆ "	41 ¹ / ₁₆ "
Gate Rail Length (2)	32 ¹ / ₁₆ "	32 ¹ / ₁₆ "	32 ¹ / ₁₆ "	32 ¹ / ₁₆ "	32 ¹ / ₁₆ "	32 ¹ / ₁₆ "
Gate Stake (Qty)	4	4	4	4	4	4
Notched Maxislats (Qty)	21	17	13	23	18	14
Maxislat Length	35 ⁵ / ₈ "	35 ⁵ / ₈ "	35 ⁵ / ₈ "	35 ⁵ / ₈ "	35 ⁵ / ₈ "	35 ⁵ / ₈ "
Grommets (Qty)	43	35	27	46	36	28
Locking Plug for CVS (Qty)	1	1	1	1	1	1
CVS Length (1)	68 ¹ / ₂ "	55 ⁷ / ₈ "	43 ⁷ / ₁₆ "	68 ¹ / ₂ "	54 ¹ / ₈ "	42 ⁵ / ₈ "
5-6 Rivets Gate Corner (Qty)	8	8	8	8	8	8
CVS Rivets 4-5 (Qty)	21	17	13	21	18	14

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



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 joints 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 soft 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 CORSTRIP® 5 7/8" 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 39 3/8" a Centre Vertical Slat will be supplied. Insert Centre Vertical Slat into Uni 3 Grommet 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 1/8" 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 - 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 9/16" - 13/16" (e.g. 3/8" Hinge side of gate/3/16" - 3/8" Lock side of gate (depending on lock type))
- ◆ For double gates - posts clearance must be the width of the double gates plus 31/32" - 1 3/16" (e.g. 2 x 3/8" Hinge side of gate/3/16" - 3/8" Lock side of gate (depending on lock type)).
- ◆ The slat length for a gate is 3/8" 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 COLORBOND® 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,

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