INTERNAL CORNER PROFILE – FIXING INSTRUCTIONS

Attachment of a Blakes Internal Corner Profile is achieved by pushing it into the corner unlike the Blakes External Profile where it is pulled around the corner. The Blakes Internal Corner Profile uses the same Profile post as the external version except it is fitted with longer setting screws inserted in the opposite direction. The mounting bolts supplied with the Internal Corner Profile have a longer thread length than the standard item.

Overview: The Profile is pushed into the corner therefore it is important that the wing nut is threaded onto the bolt BEFORE the clamp bracket and facing in the opposite direction. The clamp bracket is positioned with the curved "P" part facing AWAY from the corner – this gives the wing nut a flatter surface to bear down on. Finally, we provide a lock nut to fit loosely to the end of the "L" mounting bolt – this is simply to keep the assembled parts together when they are not in use.

1. Choose the bolts you are going to use - if there is room most people choose 1.1/2 brick (14") and 2 brick (18") as this is a greater corner mass to clamp the Profile to.

2. Assemble the "L " bolts to the clamp brackets - remember that the curved "P" shape of the clamp bracket should point away from the Profile. This way the wing nut bears down on a flatter surface.

3. Choose a perpendicular joint each side of the corner - on the first lift this is usually one course below damp proof course level.

4. When despatched from us the Profiles have their lower setting screws adjusted to a transit position The UPPER Setting Screws are locking into position and should NEVER be adjusted.

5. Adjust the lower setting screws by eye so that they have a similar adjustment to the upper ones - this will give you the extra bit of friction between the bricks and the setting screw feet which will ensure successful mounting.

6. We supply a setting device which is covered in the instructions and will hang the Profile on the corner - users prefer to balance it on the "knee" or have additional help - it is personal preference.

7. NOTE the setting screw feet are deliberately positioned so that the upper one falls to the upper half of the brick face on which it sits and the lower one falls to the lower half of the brick on which it sits. Incorrect mounting will cause the feet to fall into the horizontal joint - THIS IS NOT CORRECT position correctly to prevent this.

8. Having assembled the "L" Bolts to the clamp brackets, put the tail of the clamp bracket into the raked perpendicular joint. The bracket should be in as far as possible but allow sufficient clearance for the ears on the wing nut to be turned. When mounted correctly the mounting bolt should be completely horizontal.

9. The "L" part of the bolt is inserted into the mounting wing from the BACK NOT THE FRONT. (The mounting wing is offset on the Profile for this purpose).

10. Finally offer the Profile to the corner, insert both "L" bolts and tighten each side a little at a time until the Profile starts to push into the corner and grip. DO NOT OVERTIGHTEN. Ensure that the Profile is not pulled more to one side or the other, it needs to be "square" in the corner. Once it is staying in the corner unaided you can adjust it for plumb using the lower setting screws. Depending how far out your initial mount is it may be necessary to slacken either mounting wing nut by a 1/4 turn and tighten the other side - it will by this stage be obvious how to adjust. The mounting bolts need to be tight enough to hold but not too tight that they damage the adjacent brick.

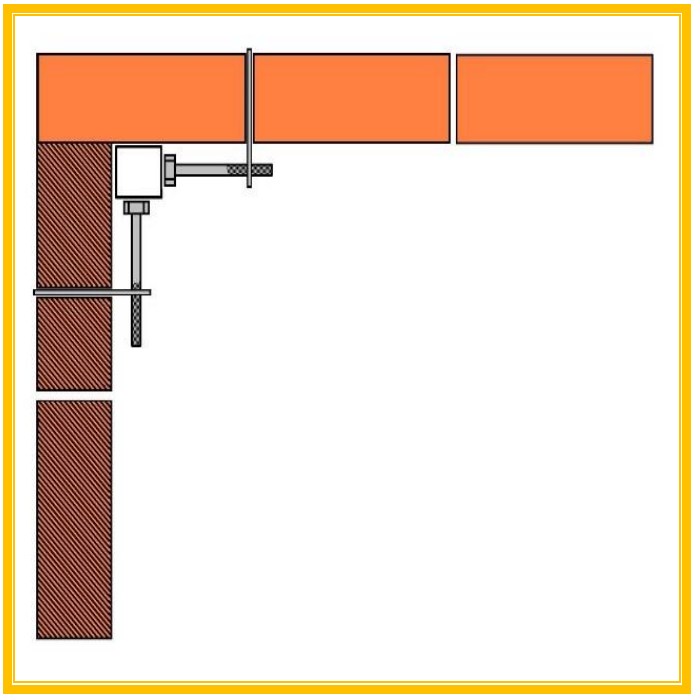
11. We provide stabiliser bars to prevent the Profile pulling over, however when mounted tight into the corner it is not always necessary to use them. See the attached drawing how to use them.

12. Taking them down is simply a matter of slackening the wing nuts and taking the "L" bolts and clamps from the perpendicular joints. The next time you mount them, because the Profile is nearer to plumb usage settings, you will find the additional friction between the setting screws and face work will make mounting much easier.

13. The Internal Corner Profile is supplied with the setting screws adjusted so that the Profile will sit tight in the corner. In this setting it is not necessary to use the line holders provided and line tension will be sufficient to keep the line in place. The Profile can be adjusted so that it stands off the corner by 10mm – this is achieved by screwing the setting screws in by an equal number of turns each side. When the Profile is used spaced from the corner you will need a device such as a PDQ clip to project the line back into the corner.

STABILISER BAR – INTERNAL CORNER PROFILE

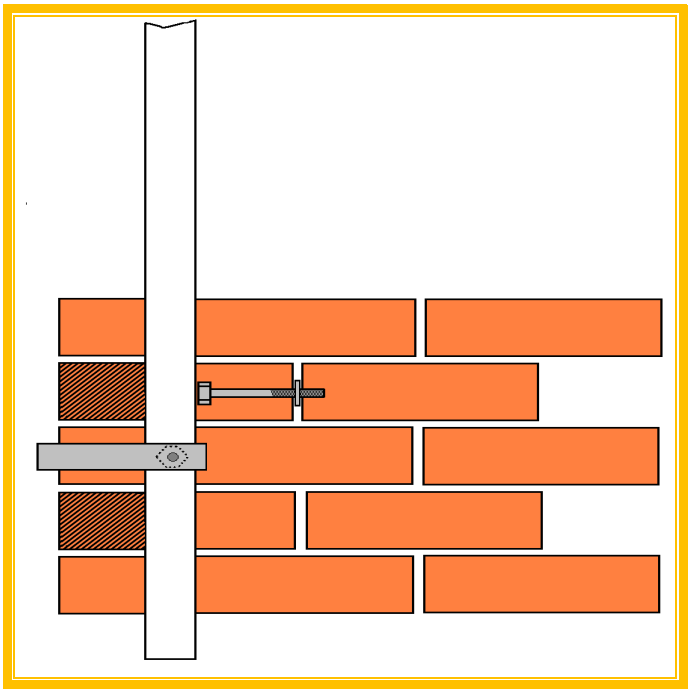
Stabiliser bars are provided to prevent the Profile pulling over. When the Profile is fitted tight to the corner it is not absolutely necessary to use them but for added accuracy install as shown below:



Assemble bolt with stabiliser bar, thread at least 25mm through the bar.

Select a suitable perpendicular joint, clear to allow the stabiliser bar to be inserted.

Unscrew the bolt until the head just touches the Profile.



The stabiliser bars are inserted on different courses to allow the perpendicular joint with the correct spacing to be selected.

Using a spirt level adjust the bolt heads to set the Profile plumb.

Screw the M12 wing nut onto the clamping bolt (wings first) and engage the hooked end of the bolt into the hole in the Profile side plate.

Slide the clamp (long end first) onto the clamping bolt until the large end drops into the vertical joint. Tighten the wing nut against the clamp allowing the Profile to be pushed into the corner.

Repeat on the opposite side, tightening the wing nuts evenly to keep the Profile square with the corner.

SCAN ME

www.blakesbuildingprofiles.co.uk

BLAKES BUILDING PROFILES

THE ORIGINAL BRICKIE'S BEST FRIEND

Unit A, Castle Industrial Park
Pear Tree Lane
Newbury
RG14 2EZ
0118 981 2872
blakesbuildingprofiles.co.uk