



SERIES: MAKING FRAMES AND CORNERS

MITRE CORNERS

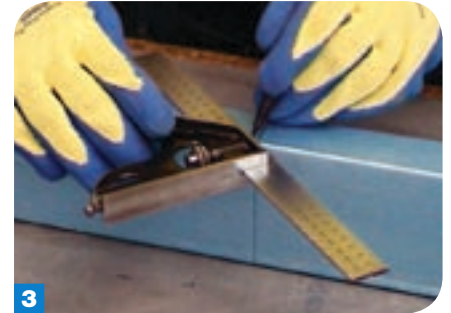
To make a 90° mitre corner out of lightweight steel, you'll need a roofer's square, a power drill and screws, a set square and ruler, snips, a hammer, measuring tape, a marking pen, and a C-clamp.



1 Measure out where you want to create your joint. In this example, we've measured 400mm from the end of the steel.



2 Using your square, draw a line all the way around your piece of steel.




3 Mark out the mitres using your mitre square.



4 Once the mitre has been mapped out, measure your lap material making sure it's done on both sides.



5  Using your snips, cut along the lines, snipping out all the pieces that need to be removed. Be careful not to cut off the tabs.



6 Bend the steel into a 90° angle checking the angle with your square.



7 Once the angle is square, hold it in place with a C-clamp.



8 With the C-clamp holding the angle in place, fasten the two overlapping tabs.