



Welding Tips

For products incorporating Altro Easyclean Maxis PUR™ Technology

Altro products with Altro Easyclean Maxis PUR Technology are manufactured using a different composition to that of standard Altro safety flooring. Due to their makeup, the welding is slightly different to that of standard Altro safety flooring. Image 1.

Guide to Welding

For all Altro safety flooring products incorporating Altro Easyclean Maxis PUR Technology, we would recommend the following points be followed:

- **Cutting;** do not gap the seams. All seams must be cut in net before grooving. Image 2.
- **Grooving;** it is important to ensure that all seams are grooved correctly to a depth of 90% of the thickness of the product (but not thru the mesh backing) to fully expose the PVC edges of the sheet. Image 3.
- **Internal mitres;** unlike standard Altro safety flooring, all internal mitres must be grooved as above.
- **External mitres;** care should be taken not to open the vertical seam too wide.
- **Test sample;** As individual welding guns can vary in their heat output and external factors on site can vary, it is recommended that test welds are carried out on samples of flooring to determine the correct settings and speed. Image 4.
- **Temperature;** it is recommended that all hot welding is carried out with the welding gun set to a slightly higher temperature than for standard Altro safety flooring. If the test piece shows scorching, turn down the heat and progress more slowly. It may be preferable to use a Narrow Flow Tip. Image 5.
- **Trimming;** unlike standard Altro safety flooring, the weld should be trimmed off while it is still slightly warm. Always use a trim plate, holding the spatula at a low angle, to trim off approximately 1mm of the rod before finally trimming and finishing the remaining rod flush to the floor surface with the spatula. Images 6, 7 and 8.
- **Do not use solvents or tapes;** solvents should not be used to repair any defective welds as these could attack and damage the Altro Easyclean Maxis PUR Technology.

For complete installation information, please see the [Altro Installation Practices and Detailing Guide](#).

Image 1



Image 2

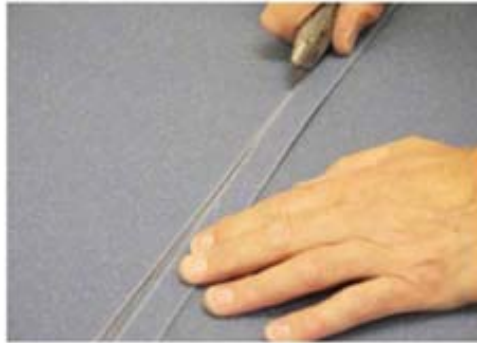


Image 3

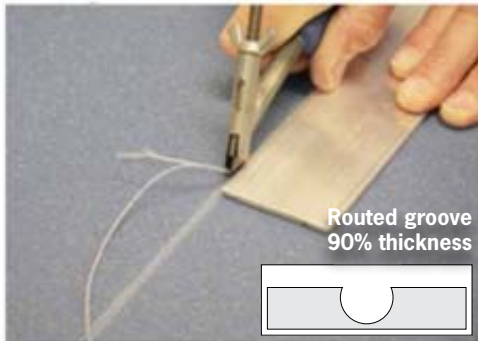


Image 4

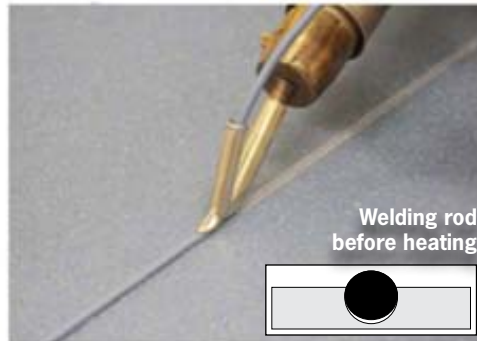


Image 5



Image 6

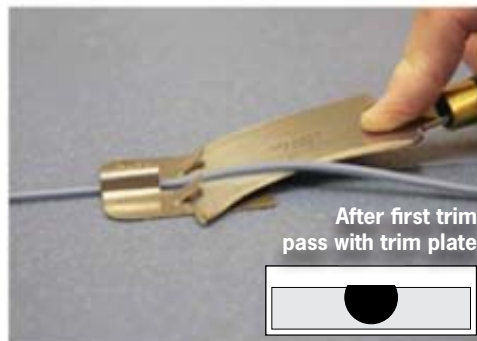


Image 7

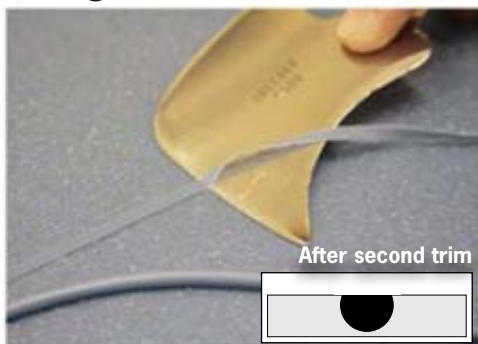


Image 8

