

Working Tips

Technique	Comment
Nails	Our profiles can be nailed but experience has shown that it is advisable to pre-drill.
Screws	It is preferable to pre-drill the holes for the screws and to deepen the holes when using screws with a countersink head. If this is not done, the material around the screw head has a tendency to bulge slightly. This bulge can be removed with a sharp knife.
Construction Staples	Stapling is possible but we recommend against using stapling as a constructive connection.
Bolts	Bolts must have a clearance hole drilled that can accommodate the size of the bolt being used.
Slits	Slits can be made by drilling a number of holes next to each other and by removing the walls between drilled walls either by moving the drill sideways or by using a mill drill bit.
Welding	Our profiles are manufactured using mixed plastics that improve the structural performance of the material however welding has not been shown to produce.
Gluing	In general, gluing does not produce acceptable results therefore is not recommended.

	Units	Drilling	Circular Saw	Band Saw	Milling
Clearance angle	degrees	10-12	10-15	30-40	5-15
Cutting edge side rake	degrees	3-5	0-15	0-5	0-15
Cutting speed	m/minute	50-100	<3000	50-1500	<1000
Tooth distance	mm	-	>10	>5	-
Nose angle	degrees	60-90	-	-	-
Feed	mm/rotation	0.2-0.5	-	-	0.1-0.5

Get In Touch

If you are trying to install a product and you need advice please don't hesitate to get in touch today and our staff will do their best to help you.

Please take care to install your furniture or the project you are building on level ground to ensure it looks its best for decades to come. Please note that all dimensions quoted are subject to a tolerance of + or - 3%.



British Recycled Plastic is a trading name of Low Carbon Products Ltd. We offer a range of high quality 100% recycled plastic landscaping and construction products and outdoor furniture.



We often write about new products or trends on our blog. Click here to read more



For more information, please see our Technical Datasheet

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