

## Technical Bulletin: Fabrication of the Organic range

The Organic range consists of 16 new patterns which will allow you to offer completely unique aesthetics to your customers. For best visual results, you will need to use some new layout, and fabrication techniques from standard Corian® colours. With experience, you will likely find additional techniques to maximise the beauty of your installations.

It is the responsibility of the CFI to be sure to blend the patterning into the assembly. Also be sure to show large joined samples to your customer to ensure the blending will meet their expectations.

### Key Fabrication points:

- All 3 edge types of assembly methods work with the Organic range, including stack and v-groove edges.
- Due to flakes in the Organic range colours, tool life may be shorter than normal.
- The Organic range appears to be softer when finishing so use care to get the proper finish.
- The Organic range appears to thermoform best at lower temperatures than normal. Be sure to calibrate your system at the lower end of the temperature range before beginning. Always test a sample first.

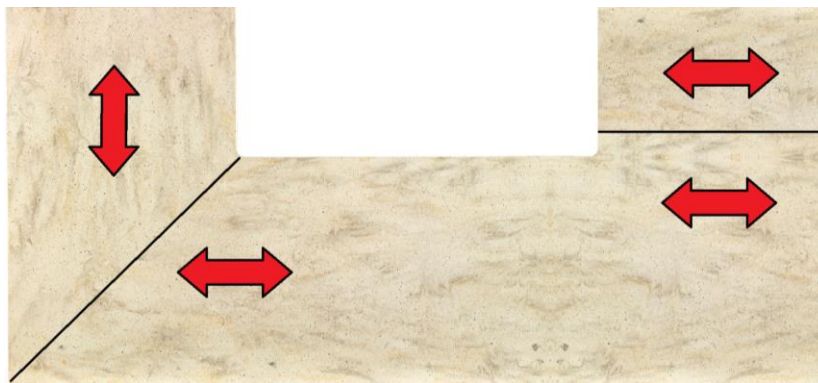
### Edge details

Some of the Organic colours have a very busy random surface pattern. The edge of the sheet shows the pattern in layers. If a drop edge [rebate edge] is used, the surface pattern contrasts sharply with the layers in the edge, therefore a more suitable aesthetic is obtained using a stack edge. A large edge detail such as 50mm or 75mm round over makes a smoother transition from the surface to the face of the edge.

Some of the Organic colours have a mix of particulates and veins, which runs throughout the sheet. Either a stack or drop edge [rebate edge] will yield satisfactory results. V-groove edges should prove acceptable with the entire Organic range.

### Seams

Because the Organic range has directional patterns, deck joins may require more than the typical 90° butt join to be acceptable to the customer. In many cases, a mitre join may give the most acceptable aesthetic. You may find with the lighter colours, either method will yield acceptable results. Where the top changes direction there is the option as below in Burled Beach of mitring the corner or continuing the grain in the same direction, this will often depend on the layout of the bench and discussion with the designer would be advised prior to manufacture.



As always, it is best to have samples showing joints and edge assembly alternative methods. When using a mitre joint, all requirements for deck joints as set forth in the Fabrication Manual are to be followed. When making a mitre joint, use the insert block method to get the proper inside corner radius.

### **Thermoforming**

Some Colours of the Organic range should present no problems with thermoforming; however others require lower heat settings. Always test a sample first.

### **Finishing**

All typical methods are suitable to use on Organic colours. The customer should be made aware of the proper care and maintenance for any finish and particularly with respect to the darker colours requiring more attention.

When finishing, the Organic colours give the impression of being softer. Proper cleaning between grits and more frequent checks that the scratches are being removed is required. Low angle lighting will help show any scratches for removal. It also may be necessary to finish up with a finer than normal grit of abrasive.