## HOW TO MACHINE FOR A LOCK ON A DURAMAX PLUS DOOR

Parkwood Duramax Plus composite doors contain a fibreglass pultrusion inside the lock stile for enduring stability and strength. The pultrusion makes conventional morticing techniques difficult. Parkwood recommend getting the door pre-machined for mortice locks, if this is not possible, please follow this guide.









- 1. Mark Mortice: Mark cut out for mortice on door edge.
- 2. **Cut through PVC layer:** Using a multi-tool, cut the rectangular mortice through the PVC up to the pultrusion. Remove this in one piece using a chisel.
- Drill through pultrusion: Use diamond hole saw to cut through pultrusion wall. If mortice is more than 65mm deep, then drill through the back wall as well.
- Drill mortice: Drill mortice into LVL using auger drill bit.
- 5. **Clean mortice hole:** Clean out remaining debris with a sharp chisel.
- 6. Check to ensure lock fits into mortice hole: Insert lock into mortice hole. If it doesn't fit, remove more materiel from the hole.
- 7. Mark outline of the face plate.
- 8. Cut outline of the face plate: Use the multi-tool to do
- 9. **Chisel out recess:** Remove 1.5mm-2mm of the PVC with a chisel.
- 10. **Mark centres of face holes:** Do this by placing lock on the door face, lined up to the edge of the door.
- 11. **Machine for face holes:** Use diamond hole saw to machine the face holes.
- 12. Fit lock.









