

Assembly



“ Customers such as Bentley Motors and Aston Martin demand world class automotive standards

Assembly: Adding Value to Rotomoulded Products

After the post-moulding finishing process, tecni-form can take the process one stage further, and assemble moulded parts with bought-in components to make an assembly that is ready for the customer's production line.

Plastic to Metal and Plastic to Plastic

An assembly can be made up of any combination of rotomoulded product and bought-in components, made by any other process.

Here are four examples where tecni-form can provide an assembly service, so saving the customer time, effort, and cost:

- The plastic roof of a tractor cabin needs to include wiring harnesses for lights and screen-washer nozzles with tubing, in addition to the roof-mounting studs that are either moulded-in or subsequently installed.
- A customer requires a fuel tank to include a metal filler cap, inlet and outlet fuel ports, an injection-moulded plastic drain plug, and a sender unit and filter, so that the component is ready to fit directly to the vehicle.
- An automotive manufacturer requires four different rotationally moulded parts to be fastened together, then fitted with metal and injection moulded plates. tecni-form achieve this very precisely using a jig and a combination of riveting and plastic welding.
- Using a solvent, tecni-form securely weld a rotationally moulded PVC squeeze bulb to a plastic tube for a medical supplier.

To find out now about surface texture and coatings, you may want to study our Finishes.