

HLU : hand lay-up parts

☑ The HLU Technology

- The HLU technology, also called contact moulding, is the perfect production technique for low volume production of fibre composite material parts.
- The composite part has a nice smooth surface and is protected by a gelcoat
- The fibres are manually placed into a mould after applying gelcoat and before adding the resin. A matrix of thermosetting resin is rolled onto the fibres using a hand roller. More layers can be added as well as stiffeners inserts. After drying, the composite part can be removed from the mould.
- The HLU technology is ideal method for creating complicated shapes
- We can make the HLU parts on basis of a technical drawing or an existing model

☑ Why choose PolyPan hand lay-up parts ?

- If you require aesthetic polyester parts with smooth high gloss outside
- Flexible process : it can produce from very small, up to very large parts of different kinds of geometry
- Own mold making department
- Great experience in polyester resin via the panel production department
- All possible colours are available

☑ The application fields

- Polyester parts for special and mobile applications
- Car and trailer components
- Doors
- Sanitary equipment
- Shower rooms
- Agriculture : tanks, roofs, covers
- Casing (e.g. for electrical equipment or devices)

☑ Some references



Polyester aerodynamic luton



Polyester parts for trailers for quads



Polyester parts for wheel arches



Polyester parts for mobile cash units



Polyester parts for aerodynamic truck body roofs



Polyester parts for special truck bodies



Polyester parts for mobile gas tanks



Polyester aerodynamic roof spoiler

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