

Product requirements for 'The Gigila Queen'

SECTION ONE

Polyester resin

| | |
|--------------------------------------|----------------------------------|
| To join and widen the two long boats | 50kg general purpose waxed resin |
| For contingencies | 15kg “ “ “ “ |
| For joining/fixing watertanks | 15kg “ “ “ “ |
| ----- | |
| Total | 80kg |

Epoxy resin

To bond plywood coamings to the hull

For sheathing of the coach roof

For general construction of resin including hardener 40 litres

Polyester flow coat

For the interior finishing of the hull –grey 10kg

Additional requirements

1. Catalyst of appropriate quantity + 20%
2. Epoxy hardener for slow set
3. Polyester resin promoted for warm temperatures

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SECTION TWO

Chopstrand mat C.S.M.E. bonded (preferred) ,600gsm psm 20kg

Woven roving Woven roving c. 900gm psm 5.5kg

Joining and widening hulls
Extending the floors (transverse frames)
Joining of the tanks
General construction

Double bias tape

a) For the purpose of bonding – in particular the coamings to the hull

Double bias tape 150mm c. 1000gm psm 40metres

b) for the purpose of joining watertanks

Double bias tape 150mm c. 1000gm psm 66metres

Sheathing boat cloth

For sheathing coach roof and external structure

Cloth 300gm 15sq metres

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SECTION THREE

| | | | |
|----------------------|--|--------------------|-------|
| Paint brushes | (Paint brushes (Wooden handle throw a way type) | 75mm | 20 |
| | | 50mm | 20 |
| | | 25mm | 20 |
| Roller sleeves | (Mohair, short nap) | 180mm | 6 |
| | | 100mm | 6 |
| Roller handles | | 180mm | 1 |
| | | 100mm | 1 |
| Roller trays | (Plastic) | mid size | 2 |
| | | Small size | 2 |
| Measuring containers | | Small, up to 100mm | 3 |
| Sand paper | (A suitable type for paint and plastics work) | 40 grit roll | 1 |
| | | 80 grit | 15mts |
| | | 150 grit | 5mts |
| | | 240 grit | 3mts |

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SECTION FOUR

Timber- For the construction of - The centre board.
- The sacrificial rub strake.
- Beltings
- Rudder
- Hand rails
- Seat framing
- General construction.

| | |
|--------------------------------|---|
| 300mm x 50mm / 3.5 lin mts x 3 | The species of wood is not critical so long as it takes epoxy adhesive well. Low density hardwood or clean tandalised pine [H3 min] would be fine. |
| 100mm x 38mm/ 4.2 lin mts x 3 | |
| 100mm x 25mm/ 4 lin mts x 12 | |
| 200mm x 20mm/ 1.5 lin mts x 8 | |

Ply- For the construction of - The coamings.
- The coach roof.
- Centre board case
- Seating
- Rudder
- Fore deck
- Anchor well
- Main bulkhead

| | |
|-------------------------------|--|
| 9mm /2.4x1.2mt sheets x 8 | Once again the species of wood is not critical so long as the bonding is of an exterior grade. |
| 6mm / 2.4x1.2mt sheets x 3 | |
| 3.5mm / 2.4x1.2mt sheets x 11 | |

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SECTION FIVE

Either a single or two part paint system would be suitable.

| | | |
|-----------|-------|-------|
| Primer | | 4 lts |
| Undercoat | | 8 lts |
| Topcoat | Blue | 4 lts |
| Topcoat | White | 4 lts |
| Topcoat | Black | 1 lts |

Solvents will vary depending on the paint system.

| | | |
|----------------------------------|--|--------|
| Acetone | | 15 lts |
| Epoxy solvent | | 10 lts |
| Two part paint brushing thinners | | 2 lts |
| Turps | | 4lts |

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SECTION SIX

Screws.

| | | | | |
|------------------------------------|-------------------------|------|-----------------|------|
| <i>304 grade, stainless steel.</i> | 8 gauge / 25mm / | CS | / straight slot | x300 |
| | 8 “ / 50mm / pan head / | “ | | x200 |
| | 10 “ / 32mm / | “ / | “ | x400 |
| | 10 “ / 32mm / | C.S. | / “ | x200 |

Bolts

| | | | | |
|------------|---------------|----------|---|-----|
| 316 grade, | 16mm x 180 mm | hex head | | x1 |
| | 16mm x 100 mm | “ | | x1 |
| | 8mm x 25mm | CS | “ | x24 |
| | 8mm x 75mm | RH | “ | x12 |
| | 8mm x 50mm | RH | “ | x24 |