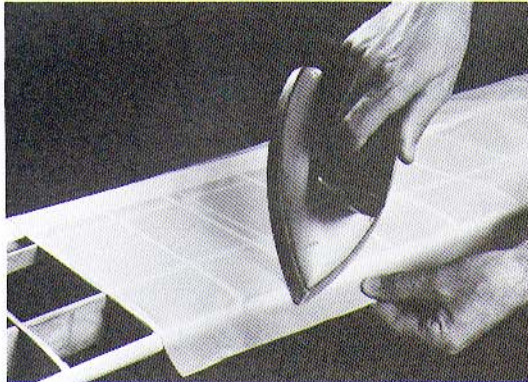
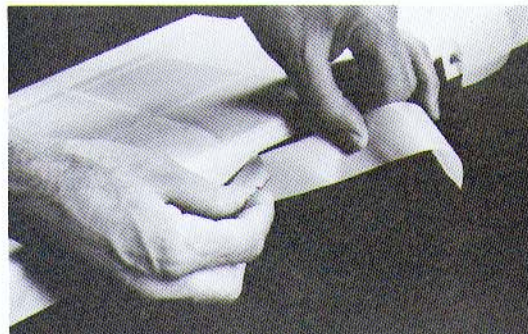


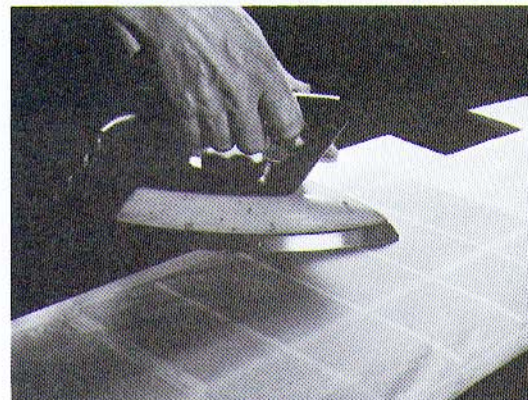
Seal 1-3, 2-4, 3-5, 4-6 and so on. Treat tip as compound curve



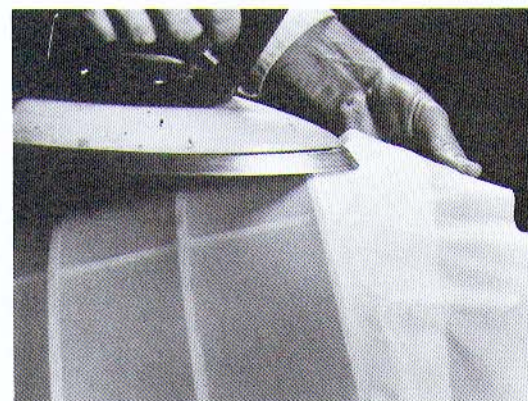
Sealing – Toe of iron used to attach GlossTex to edges



Trimming – Reseal edges after trimming surplus GlossTex



Shrinking – Iron used flat and barely touching GlossTex



Compound Curves – Heat and stretching

To cover **OPEN FRAMEWORKS** such as built-up wings or fuselages. Cut the GlossTex at least 1" oversize all round. Use **LOW** iron temperature. Start at one end of the panel and seal down the edges with the toe of the iron. Progress along the panel, sealing a few inches on opposite edges in turn. Gently pull out the GlossTex evenly to avoid wrinkles – don't rely too much on shrinkage to eliminate wrinkles. Neatly trim off surplus GlossTex and reseal the edges. Overlaps should be about  $\frac{1}{4}$ ". When all edges are sealed – raise iron temperature to **HIGH** and go over the whole panel, section by section, to shrink the GlossTex tight. Try not to reheat the edges as this could make them release and pull back. Using a hot air gun for shrinking will help prevent marring the gloss with the iron – but keep the nozzle at least 6" from the surface of the GlossTex to avoid overheating.

To cover **SOLID** surfaces (sheet balsa, veneer etc) seal round the edges as for an open framework but leave a few small gaps unsealed so that when the GlossTex is shrunk the air trapped beneath can escape through the unsealed gaps. If air is trapped it will prevent the GlossTex from adhering to the surface. Shrink using the iron (or hot air gun) and as each section is cooling, rub it down with a soft cloth to ensure good adhesion between the GlossTex and the surface.

To cover **COMPOUND CURVES** e.g. wing tips. Cut the GlossTex with a 3" surplus round the part to be covered. Set the iron to **HIGH** and seal the GlossTex to the high point of the curve. Grasp the surplus material opposite the high point and apply heat to the wrinkles in the material. At the same time keep a steady tension on the material to stretch it over the section. Working on small areas, continue heating and stretching gently until the section is covered. Let the iron heat and gentle tension do the work, only sealing down with light iron pressure after the GlossTex has conformed to the curvature needed. Fuselages – cover top and bottom first overlapping  $\frac{1}{4}$ " onto sides, then cover sides. Difficult areas such as wing fillets, corners between tail plane and fin **or** tailplane and fuselage – cover these areas first with strips of GlossTex fitted into the corner or fillet. Then apply larger pieces of GlossTex to cover fin, tailplane etc.

**FINISHING.** When covering is completed, re-iron all edges and overlaps to ensure a fueltight seal everywhere. GlossTex is completely airtight and fuelproof as ironed-on (see note on 'Fuelproofing'). If using any paint or finish other than Clearcoat or Solarlac always satisfy yourself by tests on scrap pieces that the materials are compatible with GlossTex before using on a model.

**TRIMMING** – Colour schemes on GlossTex can be divided up as follows.  
**PANELLING** – Different sections of the model are covered in different colours e.g. trailing edge to mainspar of wing in one colour, mainspar to leading edge in a different colour. The GlossTex is overlapping along a spar or other member.  
**TRIM** – By applying shaped pieces of GlossTex on top of the main covering. Useful for insignia, lettering etc.  
**PAINTING** – **SOLARLAC** used on small parts (struts, fairings, inside cowls etc) which are difficult to cover.

#### SOME DO'S AND DON'TS

**DO** set your iron temperatures properly (with a thermometer if possible) and mark the thermostat so you can select the right temperature for each particular job.

**DON'T** use a higher temperature than necessary when covering. Experience shows that too much heat will not give the best results and will cause problems.

**DON'T** forget, after shrinking a panel, turn the thermostat down before starting to attach the next panel of GlossTex.

**DON'T** forget – for the very best results use the matching Solarfilm finishing products.

**CLEARCOAT** Clear fuelproof lacquer and balsa surface hardener.

**SOLARLAC** Fuelproof paint in Solarfilm colours.

**BALSALOC** For improving grip of Iron-on coverings on hard wood e.g. ply, veneer – and as a clear heatseal adhesive.

**SOLARFILM** Market leader in iron-on plastic covering films – 40 colours.

**SOLARTRIM** Self adhesive trim sheet, just cut out and press on for insignia, lettering, trim. Match Solarfilm colours.

**FIBAFILM** Superlight, iron-on covering for models that rely on the covering for torsional stiffness e.g. sailplanes, vintage.

**LITESPAN** Superstrong iron-on to replace tissue and dope – no doping needed – but much tougher and stronger than traditional tissue.