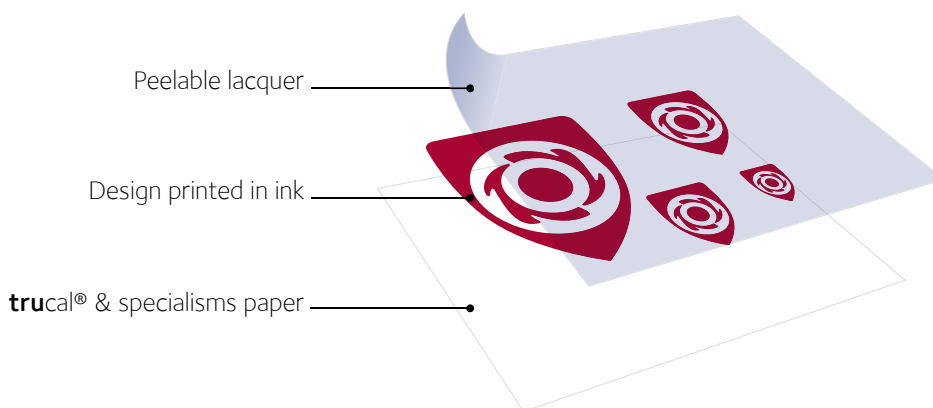


For the decoration of safety helmets

1. Printing using a peelable lacquer system



- The inks are printed onto the gummed coated surface of the paper by screen printing. Typically, the ink is printed through a screen mesh of 100T to 120T. Ink recommendations can be made by **Technical** from Tullis Russell Coaters or your ink supplier will be able to advise.
- Then overprint the design, with a screen printed peelable lacquer (covercoat). Normally printed with a 34 or 24 T screen mesh.

Applying truca[®] & specialisms paper using a peelable lacquer system

- Decals are best released in clean, warm water.
- Sheets should be soaked individually so that water can fully penetrate the paper.
- The wetted sheets can then be stacked on top of each other to await application.
- It is not recommended to leave the printed sheets in water for too long, as the decals will float off. This will hinder application.
- Once the decal is mobile on the paper it can be transferred from the paper onto the helmet, any traces of air or water between the decal and helmet must be removed. This is best performed with a rubber squeegee.
- After application of the decal to the helmet allow to dry for several hours. The residual water will evaporate.
- Then the peelable lacquer (covercoat) can be peeled away leaving just the inks on the helmet.
- To improve the permanence of the applied design, the whole helmet can be over sprayed with a suitable lacquer, sealing the decal to the helmet.

Getting the best from **truca**[®] & specialisms decal papers

Storage

- Store unopened packets in ambient conditions.
- We recommend that unopened packets of the paper are stored in the pressroom for four days prior to opening and printing. This will acclimatise the paper to the press room environment.
- Do not open the packets until printing is about to commence.
- For best results, reseal any part used packets before storage to prevent wavy edges.

Preparation for Printing

- The paper can be provided, at different intersheet humidities to suit the printing conditions of all our customers.
- If the intersheet humidity of the paper matches the ambient relative humidity of the press room, there should be no contraction or expansion of the paper sheets.
- Should your print room conditions be outside the intersheet humidity of the paper, the paper can still be printed acceptably. It is recommended that for precise registration printing, that the paper should be preconditioned. Sheets should be passed through the wicket driers or by placing in a drying rack for 1–2 hours within the print room.

Drying

- It is recommended that ambient conditions are used to dry the paper.
- Any form of forced drying without adding moisture will lead to a drop in humidity and a moisture loss from the paper. This can cause shrinking of the sheets resulting in miss register.

Technical

Our **Technical** experts will provide you advice on inks and covercoats, which are used with **truca**[®] & specialisms paper to ensure you achieve the best printing and application results.

We look forward to hearing from you!

