



PRODUCT INFO

For over 150 years, we have maintained our market leading position and continue to work with some of the world's most prestigious brands in producing luxury ceramic and glass products.

Features

- Superior waterslide papers
- Fast release and decal mobility
- Clean firing gum
- Optimised for variable print conditions
- Excellent stiffness and stability
- Available in different sizes

Benefits

- Superior registration and trouble free printing
- Clean defect free glass and ceramic firings
- Blemish free firings for precious metals
- Bespoke application solutions
- Designed for both screen and offset printing
- Reduce production wastage

Trucal® is the market leading range of waterslide transfer papers for ceramic and glass applications. These papers are relied upon by many of the world's most prestigious brands to ensure consistent high-quality decoration.

Trucal® is the market leading range of decal papers from Tullis Russell. Specifically designed for use in decorating ceramics and glass, it is available in several weights and has been developed to suit wide range of ceramic and glass applications.

Thanks to years of experience and a technical understanding of customers requirements, We have created the market leading range of high-quality waterslide decal papers. Our transfer papers are relied upon throughout the world to give consistent printing, problem free application and outstanding decoration results.

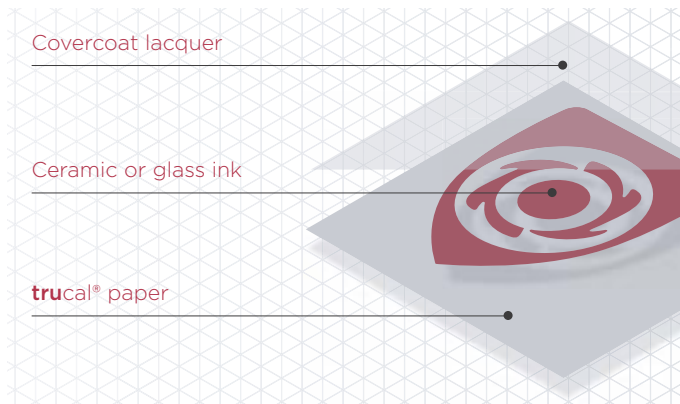

Waterslide Products

Product Name	Smoothness	Dimensional Stability	Backcoated	Metallic Inks	Base Colour	Application method	Format	Print Options
truca [®] gold	•••	••	Yes	•••	White	Waterslide	Sheets or Rolls	Screen
truca [®] plus	••	••	No	••	Blue White	Waterslide	Sheets or Rolls	Screen or Offset
truca [®] advantage	•	••	No	••	Blue White	Waterslide	Sheets or Rolls	Screen or Offset
truca [®] elite /professional	•	••	No	••	White	Waterslide	Sheets or Rolls	Screen or Offset
truca [®] smart	•	••	No	••	White	Waterslide	Sheets or Rolls	Screen or Offset

Wax Products

Product Name	Smoothness	Dimensional Stability	Backcoated	Metallic Inks	Base Colour	Application method	Format	Print Options
autofix [®]	•	••	No	•	White	Indirect	Sheets or Rolls	Screen
autocal [®]	•	•	Yes	••	White	Direct	Sheets or Rolls	Screen

1. Printing a ceramic, glass decal



- Ceramic or glass colour pigment is mixed with a medium made up of resin, plasticiser and solvent. This forms a printable ink.
- The ink is printed by screen onto the gummed side of **trucas®** paper.
- A lacquer covercoat made of resin, plasticiser and solvent, is then screen printed, covering the whole printed design. This allows the entire design to be removed from the decal paper when soaked in water.

Tullis Russell **trucas®** papers are also ideal for printing by off-set litho

Decal Application

- 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 released, any traces of air or water between the decal and ware must be removed. This is best performed with a rubber squeegee.
- Ware must be allowed to dry for several hours to allow the residual water to evaporate before firing.

Firing

- On firing, the organic ink medium and covercoat will burn away, leaving the inorganic colours, which are fused to the ware by the intense firing heat.

Getting the best from trucas® decal papers

Storage

- Store unopened packets in ambient conditions.
- We recommend that unopened packets of the paper are stored in the print room for four days prior to opening and printing. This will acclimatise the paper to the print 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.

Preparing 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 print 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 to the print room before printing.

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 **trucas®** paper to ensure you achieve the best printing and application results.

We look forward to hearing from you!

