

## Perspex Distribution ICC Profiling Procedure

This document will guide you through the process required to print an ICC test chart. The test chart will be used to create the ICC Output Profile that is unique to your printer, when printing onto digital print substrates from Perspex Distribution. From this test chart, Perspex Distribution will measure each colour patch with a spectrophotometer. By measuring exactly what is produced by your printer : ink : substrate combination and then comparing with a known reference or ICC Input Profile, we can analyse exactly how your printer reproduces its colours.

Before you can print the supplied ICC test chart file, there are two important stages to complete first:

### 1. Ink Restriction.

Your ink restrictions should be set to:

- a. Provide strong, even coverage for inks
- b. Ensure images are not over saturated
- c. Help with ink adhesion and prevent over-use of ink

Setting ink restrictions can also save you money by helping to prevent waste. Consult your RIP's documentation for information on how to do this.

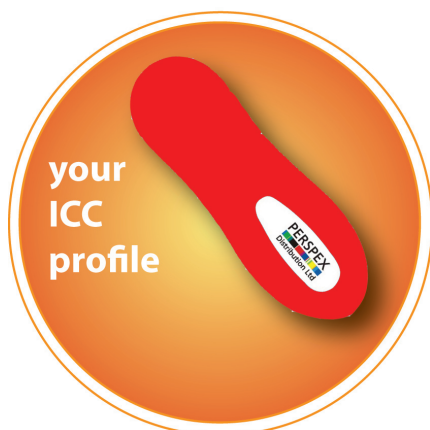
### 2. Linearization.

Linearization or calibration means re-setting the printer to an optimum and repeatable state. The process of linearizing your printers output, involves measuring the density of each ink (usually done with a densitometer). The RIP will then automatically balance out any colour casts to achieve a reasonable grey balance. Consult your RIP's documentation for information on how to do this.

Having completed these two stages you can now proceed to print the ICC test chart as per the following steps:

- i. Decide on what resolution/quality setting you want to print on.
- ii. Turn off all Colour Management in your RIP. Consult your RIP's documentation for information on how to do this.
- iii. Print the test chart file at 594mm x 420mm directly onto your digital print substrate from Perspex Distribution.
- iv. Cut out the ICC test chart.
- v. Fill out the table below and contact Perspex Distribution to organise collection.

Thank you



**Complete and return to Perspex Distribution Ltd.**

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

Make of Printer: \_\_\_\_\_

Ink Name: \_\_\_\_\_

Resolution / Quality Settings: \_\_\_\_\_