



Stora Enso StellaPress H and HB profile

StellaPress H and HB are machine-finished matt-coated mechanical papers for offset printing. They have high bulk, good readability due to their matt surface and good runnability. They are suitable for both sheet-fed offset and web offset printing.

The StellaPress profile for use with these papers is based on the PSO LWC Improved (Lightweight coated), Fogra 45 data set from the ECI. The white paper point of this dataset has been changed to match the white of StellaPress HB. It has also slightly amended the CMYK CIE Lab primary values.

The TAC, total area coverage, has been set at 260% with maximum GCR (Grey Component Replacement). This will provide better press colour stability, improved grey balance control, less paper deformation and should show ink savings of up to 10% over conventional ICC profiles.

It should be used to convert images within the standard desktop publishing software's when saving to PDF, such as Adobe CC and QuarkXPress, or within other specialised colour management modules and servers within designers and printers workflows.

For the technical minded the Fogra 45 dataset was first processed using ColorLogic's ColorAnt dataset optimization tool.

This optimised and amended dataset was then taken into ColorLogic's Copra colour-profiling software to produce the StellaPress ICC profile to the parameters quoted above. TVI, tone value increase remains as Fogra46, using curves B and C from ISO 12647/2 2004, Amd 1 2007.

All Lab figures are based on M0 spectrophotometer readings.

