

Certificate of Conformity Digitally Printed Data / ISO 12647-8

Target Companies	Pre-press companies, printing companies
Lead Time	1 week for the creation of individualised test forms
Certification Date	Date set according to agreement
Specification	See the specifications on page 2
Material	Printing substrate
Basis of Certification	ISO 12647-8:2021 ISO 15930-7 (PDF/X-4)
Certification Report	Detailed documentation of the examination after 10 working days
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Certificate of Conformity

Digitally Printed Data / ISO 12647-8

Specification Description

The certificate of conformity applies to:

- The handling of delivered print files
- The processing and output of the print files for digital printing
- The colour reproduction and accuracy in the digital printing process
- The homogeneity and stability of the colour reproduction

SID will deliver to the printing company:

- A checklist for documenting the equipment in the printing company and the printing conditions to be certified
- A test form consisting of test elements, colour patches and images with built-in errors
- Instructions of the certification process for the pre-press and printing departments

The printing company delivers the following self-created materials for certification to SID:

- Filled-out checklist for the documentation of the printing condition details
- Corrected print files as PDF/X-4 documents
- Printed sheets of the testforms from the digital printer from one or more machines on one or more printing substrates (25 samples from a print run of 300 sheets)

SID examines the following parameters:

- Correctness of the PDF/X-4 print file processing (conformity to ISO 15930-7)
- Colour accuracy of the prints (Lab values of the test elements, conformity to ISO 12647-8)
- Reproducibility of the print run (Prints after 24 hours)
- Reproducibility of fine details e.g. fine text and lines
- Homogeneity across the full printed area
- Printed resolution

After a successful certification, the printing company receives:

- A Certificate of Conformity from SID
- Digital files of the Certificate of Conformity and seal to be used for marketing purposes
- An examination report with a measurement protocol



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The company attains the right to use the certificate of conformity for marketing purposes and as forensic evidence in case of legal disputes by committing to maintain to the technological requirements. The conformity to Digitally Printed Data / ISO 12647-8 is only valid for two years and needs to be recertified after this time period has expired.

Depending on the results of the current situation analysis and the preliminary discussions, additional consulting services can be offered dependent on the necessary expenses based on SID hourly rates.

The examinations undertaken are carried out by the test laboratory for printing quality and finishing at SID.

