

Patch 12.0 — White Overprint/Knockout

Intent

This patch is designed to identify clearly how applications and workflows handle white overprint and knockout.

Testing guidelines

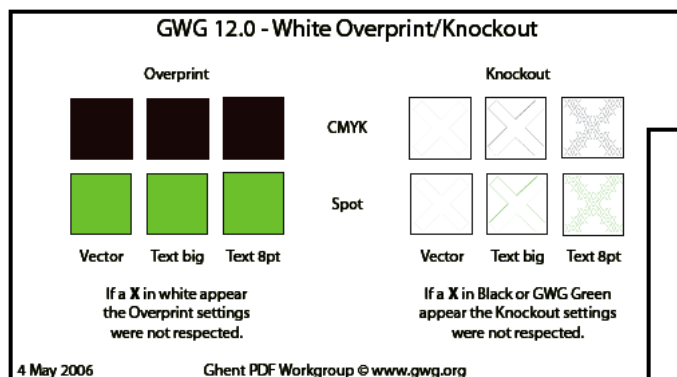
Test patches may be used in two ways:

- A single patch may be used to test a specific step in a workflow, such as a RIP.
- Patches may be grouped with other patches to test the whole of a workflow that will aggregate multiple files together, e.g. for partial page advertisements in a magazine.

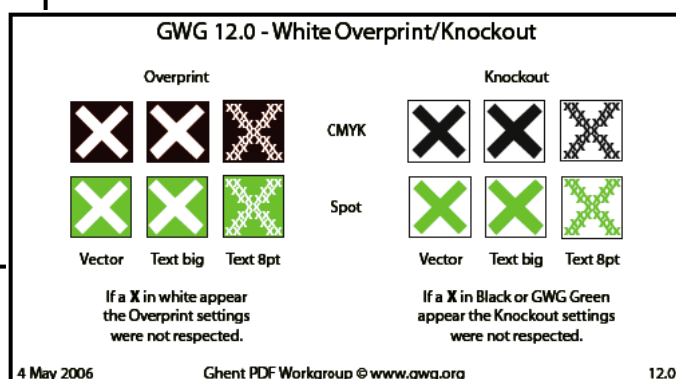
Method of evaluation

Method 1

A clear **X** indicates the improper handling of a file.



Correct rendering of the patch, all tests passed. No clear **X** is showing.



Incorrect rendering of the patch, all tests have failed. Each **X** indicates an incorrectly rendered test.

Description of results

A lot of workflows and RIPs try to “fix” white objects by setting white always to knockout. This test has elements with vector, big text (59 pt) and small text (8 pt). Both overprint and knockout of process and spot colors are tested.

When a workflow or RIP changes the overprint behaviour of an element an X appears.

Reason of this test

The application notes for ISO 15930 (PDF/X specification) clearly state that “The overprint settings applied to objects within a PDF/X file reflect the intent of the PDF/X file’s creator and must be preserved by applications or RIPs used in an imaging workflow. Applications and RIPs not configured to honor overprint contained in the PDF/X may produce unintended imaging results.”

Therefore the overprint setting should not be changed during the process.

Notes

This is a basic patch and all graphic arts equipment should be able to handle this patch without any issues.

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Patch creation date

27 December 2006

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