

## Patch 13.2 and 13.3 – ICC based Overprint

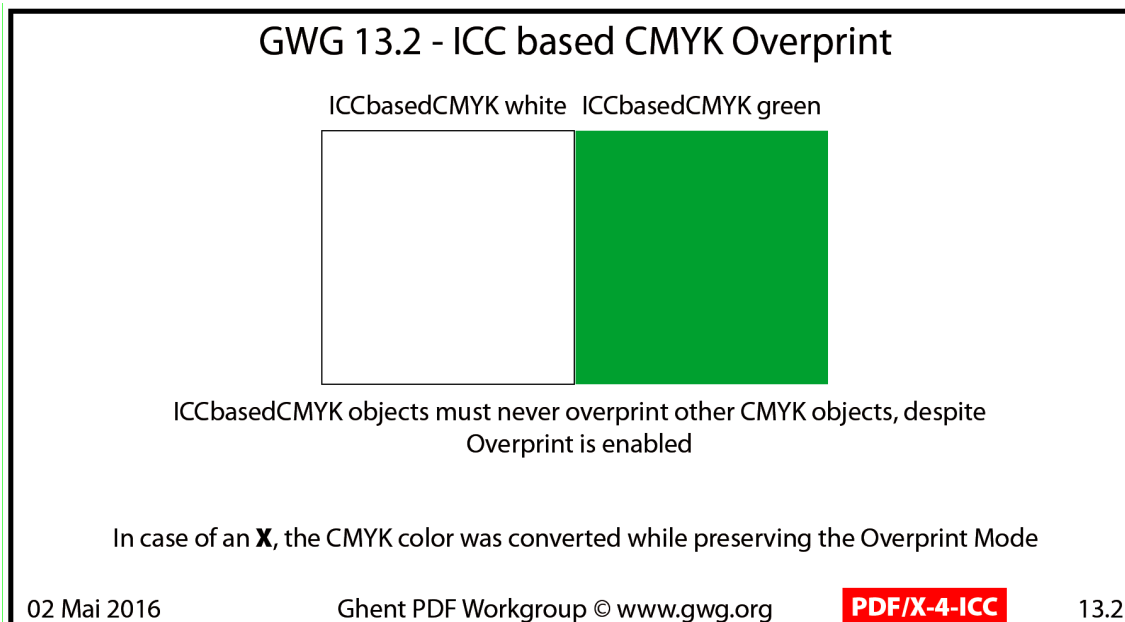
### Intent

Patches 13.2 and 13.3 are meant to test the proper handling of PDF files that contain color managed objects set to overprint. These patches use device independent color definitions as well as objects defined in DeviceCMYK, but no spot color definitions

### Testing guidelines

Test patches may be used in two ways:

- A single patch may be used to test the proper rendering of objects that are using ICC source profiles
- 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.



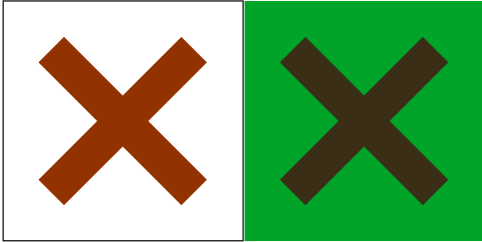
Expected rendering of all patches. No X can be seen.

## Method of evaluation

If you see a checkmark in the patch 13.2, then the ICC profile was either removed or the ICC based CMYK color was converted, but the Overprint Mode was not changed to 0.

### GWG 13.2 - ICC based CMYK Overprint

ICCbasedCMYK white    ICCbasedCMYK green



ICCbasedCMYK objects must never overprint other CMYK objects, despite Overprint is enabled

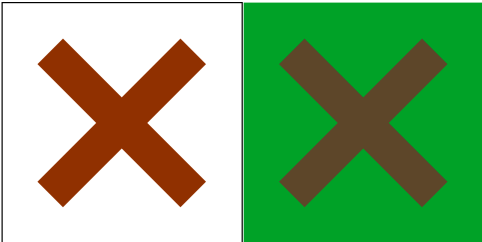
In case of an **X**, the CMYK color was converted while preserving the Overprint Mode

02 Mai 2016      Ghent PDF Workgroup © www.gwg.org      **PDF/X-4-ICC**      13.2

If you see a checkmark in the patch 13.3, then the ICC based RGB color was converted, but the Overprint Mode was not changed to 0.

### GWG 13.3 - ICC based RGB Overprint

ICCbasedRGB white    ICCbasedRGB green



ICCbasedRGB objects must never overprint other CMYK objects, despite Overprint is enabled and Overprint Mode is 1

In case of an **X**, the RGB color was converted to CMYK while preserving the Overprint Mode

27 Apr 2016      Ghent PDF Workgroup © www.gwg.org      **PDF/X-4-ICC**      13.3

In either case, the Overprint Mode must be changed to 0, otherwise the resulting CMYK object overprints the underlying CMYK object which can result in a different rendering than when viewed with objects still being ICC based.

## Legal Notice

Use of the Ghent PDF Output Suite (which is defined as the totality of its patches and documentation files) is subject to the following conditions which are deemed accepted by any person or entity making use hereof.

## Patch creation

This PDF was created using InDesign using export to PDF/X-4 without performing color conversion.

## Patch contributors

Peter Kleinheider  
calibrate consulting GmbH  
Austria  
peter@calibrate.at

## Copyright Notice

Copyright © 2016, Ghent Workgroup (<http://www.gwg.org>). All Rights Reserved. The Ghent Workgroup hereby grants permission to use this test suite and its documentation as described in the associated documentation, subject to the following conditions. This legal notice must be included in all copies containing the whole or substantial portions of the Ghent PDF Output Suite. Without express written permission of the Ghent Workgroup it is not permitted to use this PDF Output Suite for anything but its intended purpose of testing workflow setup. The Ghent PDF Output Suite cannot be sold or used in any commercial context without previous written permission by the Ghent Workgroup.

The Ghent Workgroup and Ghent PDF Output Suite names are copyrighted by the Ghent Workgroup. All other names are product names, trademarks or registered trademarks of their respective owners and are hereby acknowledged as such.

## Waiver of Liability

The Ghent PDF Output Suite is provided as is, without warranty of any kind, express, implied, or otherwise, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement. In no event will the Ghent Workgroup, the authors of the patches, or their employers be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of, or in connection with the Ghent PDF Output Suite.