Greenlight - 3D Previews

1 – Enabling the 3D Preview option

An additional option within Greenlight will appear when one or more 3D masters are available.

The 3D masters made available to Greenlight need to meet the following criteria:
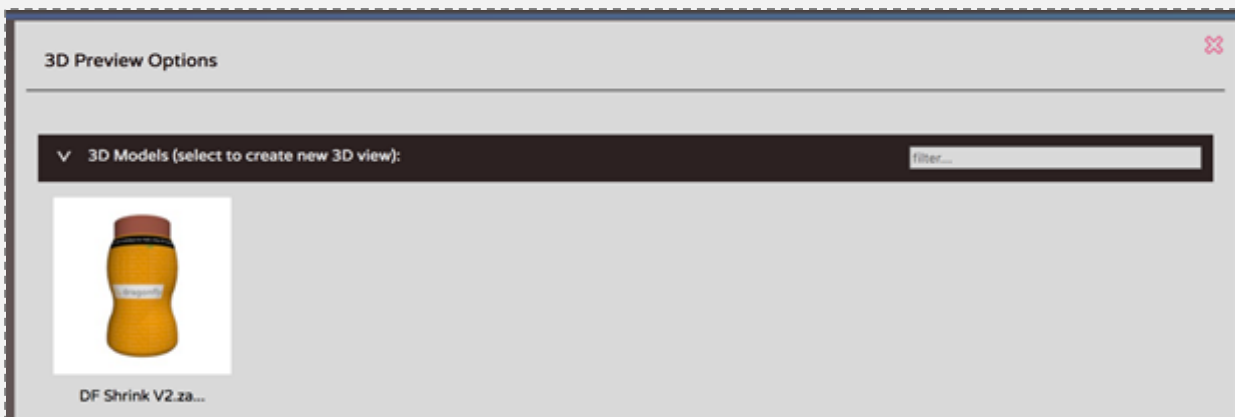
1. They must be in Collada .ZAE (Zipped Collada) format
2. At minimum, a texture image must be mapped into the 3D model for the 'primary' artwork texture image (this does not need to be a 'real' artwork image and can be a placeholder)
3. It is best practice that the texture image is cropped so that it exactly represents the 'trimbox' (cut dimensions) of the artwork; additional whitespace should be avoided.
4. Additional texture images can be included as desired for material purposes, etc.
5. The ZAE must contain the texture files referenced in the 3D model
6. The texture images must be in PNG or JPEG image format.

2 – Creating a 3D Preview

When 3D Masters are available, the Create 3D option will appear within Greenlight on the main menu:
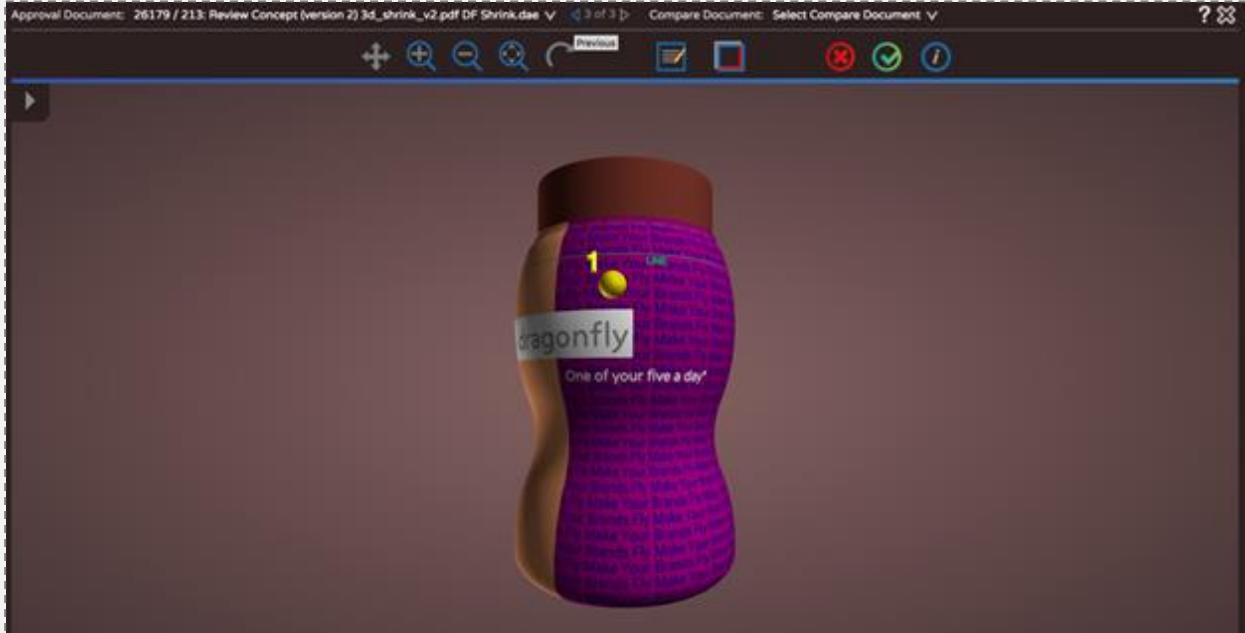

Once selected, a list of the available 3D master templates will be displayed. You can type into the filter box to search these, and then click to choose one:

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2 – Creating a 3D Preview (Continued)

Once a template has been selected, Greenlight will generate the 3D preview and display it within the viewer:
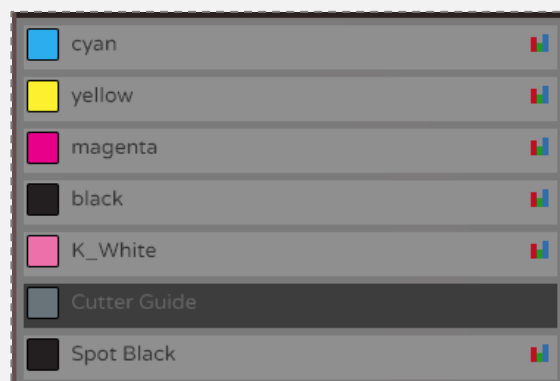

You can add additional annotations whilst reviewing the 3D preview, these will carry back into the correct location on the 2D PDF (shown as post-it annotations).

Likewise, any annotations which have been left on the 2D artwork within the trimbox area (cut area of the pack) will be translated into their correct 3D equivalent co-ordinates. Click an annotation 'sphere' to open it.

Any approval decisions left on the 3D model will also count for the 2D file (e.g. rejecting the 3D view will reject the 2D artwork PDF).

Prior to creating a 3D preview, it is possible to switch off one or more print separations so that they are not displayed on the resulting 3D model. For example, to remove the cutter from the 3D view that is generated, ensure that the separation is turned off before activating the 3D option:

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3 – Opening an existing 3D Preview

If you, or another user, in the review cycle have already created a 3D preview for this document, when you click the 3D Preview option you will also be shown an area listing these previews (allow you to re-use the 3D preview that has already been created, if possible). Selecting the existing 3D Preview will load the view into the approval viewer.