

# Fact Sheet Number 5

# 5

## COATING

Coating is the process of applying a finishing transparent coating to the surface of the paper after printing.

### Lithographic varnish (Machine varnish)

The process of either gloss, matt or satin sealing a job on the printing press. Printgraphics uses vegetable-based varnishes in all cases, with a volatile organic compound (VOC) of between 6 and 8 per cent (*refer to fact sheet 7*). Good effects can be created with both gloss and matt varnishes.

### Cello sheen

A plastic film lamination (in either gloss or matt) offering flexibility, tear resistance and long term durability. Used extensively on magazine covers, postcards, annual report covers and presentation folders.

### Ultra violet (UV) varnish

Hi-gloss varnish using UV dryers. This coating is more economical on larger runs than cello sheen but is prone to cracking on folds and can chip when the sheet is trimmed in the finishing process.

### Aqueous varnish

Water-based gloss coating which is biodegradable. It has good scuff resistance and is glue-able. High gloss levels also means the coating is effective on commercial printing such as magazines covers and book covers.

