

Eco credentials - Varnishing and coatings

UV varnishes also have the following benefits:

- They don't release VOCs into the atmosphere, (as solvent-based coatings do).
- Because they don't require the application of heat for the drying process and are cured through the application of UV light, less energy is used in their application.
- Non-flammable.
- Biodegradable.
- UV varnished sheets can be easily recycled re pulped within normal operating parameters.

Water-based coatings (dispersions) have the following advantages over oil-based products:

- They have minimal VOCs and therefore reduce atmospheric pollution.
- Water based coated materials are recycled in the same way as uncoated materials.
- Water based coatings are formulated from inert raw materials and therefore do not decompose to form environmentally dangerous products.

Foiled sheets

Foiled sheets are recycled in exactly the same way as laminated sheets. What's more, as the 'foiled' area is usually small in relation to the total area of the printed sheet, they present no issues to the repulpers.

CELLOGLAS FINISHES	RECYCLABLE	COMPOSTABLE	NO. VOCS	WATER BASED	ENERGY EFFICIENT	WASTE REDUCTION
Cellogreen lamination films	✓	✓	✓		✓	✓
BOPP lamination films	✓		✓			✓
OXO Bio lamination films	✓	✓	✓			✓
Biodegradable lamination films	✓	✓	✓			✓
Metallised Polyester (Metpol)	✓		✓		✓	✓
Lamination adhesives	✓	✓	✓			✓
UV varnishes	✓	✓	✓		✓	✓
Water-based coatings	✓	✓	✓	✓	✓	✓
Foil blocking foils	✓		✓			✓