

IGM is announcing the launch of its project to deliver UV colour concentrates to the ink and coatings market.

Phase 1 will be based on 25% pigment levels to be used for testing and development work prior to Phase 2 where bases with pigment levels of 36% - 40% will be introduced as a fully commercial system with coloured bases, let down vehicle photoinitiator blends and additive packages. The balance of monomer and resins used in this system gives exceptional flow properties and colour strength for use on the finest available anilox rollers on the market. The choice was specific to allow the broadest compatibility with all other UV systems

The list below is available immediately for sale in Phase 1

Code	Colour
IGM1077	Red 57.1
IGM1045	Yellow 13
IGM1076	Blue 15.3
IGM1078	Black 7
IGM1054	Blue 61
IGM1076	Green 7
IGM1044	Yellow 3
IGM1148	Yellow 83
IGM1056	White 6

These bases should be used in the following guide concentrations

Cells Per Linear Inch	Cells Per Linear Cm	Cell Volume cm³/in²	Cell Volume cbm/in²	% base
> 1000	> 394	<1.0	<0.6	60 - 70
> 650	> 256	<1.6	<1.0	50 - 60
> 400	> 160	<3.0	<2.0	40 - 50
> 400	> 160	<4.5	<3.0	35 - 45

Phase 2 will allow the formulator greater flexibility due to the significantly higher pigment concentration and will have a broader colour range.

Phase 2 will be available by the start of Q3 2006.

Depending on the letdown vehicle used by the formulator, the base scheme can be used to prepare ink for both wide and narrow web and for a variety of paper and synthetic substrates including shrinkwrap.

Please contact John Cunningham (j.cunningham@igmresins.com) or Richard Scutt (r.scutt@igmresins.com) for more details on guide formulations or technical advice and customer support.