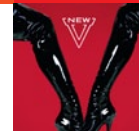




Technical Information

5.10.01 | 06.2009 | UV-curing inks and varnishes



NewV lac[®] special-effect varnish UV Iriodin[®]

System description

Pearlescent pigments are used in the offset process to simulate metallic surfaces. The pearlescent effect is based on phenomena also familiar in nature. By applying this varnish to areas of a print, you can create iridescent and glittering surface effects. The light is refracted, reflected and scattered at the boundaries of the films of these small pigment particles. Superposition of the reflected rays results in a varying kaleidoscope of colours, while also producing high gloss and good rub resistance (depending on the surface characteristics of the substrate) at the same time.

When the pressman has a varnishing unit with screen roller, chambered doctor blade and NewV lac UV Iriodin[®] varnish at his disposal, he is well equipped to produce packaging that boasts fascinating special effects.

UV-Iriodin Effektlack	reference no.
NewV lac Iriodin Litho White	271527 UC
NewV lac Iriodin Litho Blue	271521 UC
NewV lac Iriodin Litho Bronze	271583 UC
NewV lac Iriodin Litho Yellow	271548 UC
NewV lac Iriodin Litho Red	271546 UC
NewV lac Iriodin Litho Green	271545 UC
NewV lac Iriodin Litho Redgold	271529 UC
NewV lac Iriodin Colorstream Arctic Fire	311214 UC
NewV lac Iriodin 221 Rutil Fine Blue	296629 UC
NewV lac Iriodin 123 Bright Lustre Satin	328524 UC
NewV lac Iriodin 100 Silver Pearl	296631 UC

If you send us customer specifications and requirement profiles, we can also supply you with further varnishes on request.

Application instructions

The varnishes are supplied ready to use.

Due to their high inherent mass, the special-effect pigments have a tendency to settle. For this reason, always stir the varnishes well before use. The varnishes can be mixed with **NewV lac UV Iriodin Extender 271584** in order to achieve the particular special effect desired.

Printing auxiliaries

NewV sup UV Reducer	40 U 8200 – Max. addition: 5%
NewV sup UV Activator	40 U 8100 – Max. addition: 3%
NewV sup UV Flow Promoter	40 U 8300 – Max. addition: 3%

Classification

Safety Data Sheet available on request.

Shelf life

Max. 2 months at 20°C if the contained is not opened. Protect against light, frost and heat.

Contact addresses for advice and further information can be found under www.NewV-inks.com

This Technical Information sheet reflects the current state of our knowledge. It is designed to inform and advise. We assume no liability for correctness. Modifications may be made in the interest of technical improvement.