



# PRIMEBIO



Universal vegetable oil based process series





ROYAL DUTCH PRINTING INK FACTORIES  
*A Tradition of Excellence Since 1872*

# PRIMEBIO

Universal vegetable oil based process series

- ✔ Vegetable oil based
- ✔ Cobalt free
- ✔ Mineral oil content less than 1%
- ✔ Uses up to 75% renewable resources
- ✔ Low tack
- ✔ Suitable for high speed offset presses
- ✔ High gloss
- ✔ Compatible with IPA and IPA substitutes
- ✔ Duct Fresh
- ✔ Prints in accordance with ISO 12647-2
- ✔ Fast work and turn properties





# PRIMEBIO

PrimeBIO is the leading process series for printers producing printed matter for customers sensitive to the use of restricted substances and concerned with the environment and health and safety.

Incorporating the very latest in varnish and resin technology PrimeBIO utilizes up to 75% renewable resources, is cobalt free and contains less than 1% of mineral oils. This newly developed varnish system reproduces vivid prints with intense colours, high gloss and excellent brilliance.

PrimeBIO has excellent press performance and stability, also on the latest high speed offset presses including XL format presses and 8-10 colour perfecting presses.

PrimeBIO process series also provides the benefits of fast setting with excellent drying and rub resistance properties, making it the first choice for optimum on press and post press performance.



# PRIMEBIO

RESISTANCES	Vacuum Tin 2.5 kg	Vacuum Tube 2.5 kg	Light- fastness	Alcohol Resistance	Alkaline Resistance	Nitro Cellulose Varnish Ability	Soap Resistance	UV Varnish Ability	Foil Lamination Ability	Calandring Ability	Press Varnish Ability	Aqueous Coating Ability
Process Yellow	VS1630	VS1640	5	+	+	+	+	+	+	+	+	+
Process Magenta	VS1631	VS1641	5	+	-	+	-	+	+	+	+	+
Process Cyan	VS1632	VS1642	8	+	+	+	+	+	+	+	+	+
Process Black	VS1633	VS1643	8	+	+	+	+	+	+	+	+	+
Intense Black	VS1637	VS1647	8	+	+	+	-	+	-	-	+	+/-

INK SCAN		SUBSTRATES	
Ink Duct Stability	Duct Fresh	● Gloss coated	+++
Work & Turn	9	● Matt coated	+++
Colour Intensity	8	● Uncoated	+++
Setting	7	● Recycled	++
Rub Resistance	7	● Carton Board	+++
Gloss	8	● LWC/Label Paper	+++
Perfecting	Yes		
Eco friendly	Yes		

PrimeBIO allows for fast work and turn and the shortest possible delay before further processing of printed sheets. In combination with a stable ink/water balance and press stability PrimeBIO dries exceptionally well on a wide range of paper and board, including gloss, silk, matt and uncoated stock. With a high vegetable oil base content PrimeBIO offers improved resistance to higher temperatures than regular offset inks.





ROYAL DUTCH PRINTING INK FACTORIES

*A Tradition of Excellence Since 1872*

# PRIMEBIO

Royal Dutch Printing Ink Factories Van Son  
P.O. Box 44 • 1200 AA Hilversum • Holland  
Kleine Drift 41 • 1221 JX Hilversum • Holland  
Tel. +31 35 688 44 11 • Fax +31 35 688 44 04  
info@vanson.nl • www.vanson.nl

Van Son Holland Ink Corporation of America  
888 Veterans Highway • Suite 440  
Hauppauge • NY 11788 • USA  
Tel. 1-800-645-4182 • Fax 1-800-422-8744  
info@vansonink.com • www.vanson.com

