

# Repellent Varnish

Luxury finishing

## Printing processes

- Offset + Acrylic Varnishing Unit
- UV Offset + UV Flexo Unit
- 2 UV Flexo Units

## Characteristics

- **Selectively applied varnish, which creates a phenomenon of controlled repellence when overprinting solid areas with a liquid gloss varnish. This controlled repellence is characterised by the formation of fine droplets, which add a textured effect to the printed material.**
- The combination of two varnishes provides a gloss / matt contrast that enhances prints such as labels, packaging, etc.

## Products available

- Isogliss Repellent Varnish (conventional offset)  
... used in combination with Overfix Gloss Varnish
- UV Offset Repellent Varnish  
... used in combination with Pulsar 90 stampable Varnish
- UV Flexo Repellent Varnish  
... used in combination with Pulsar 90 stampable Varnish

## Substrates

|                                         | Offset | UV Offset | UV Flexo | Water based Flexo |
|-----------------------------------------|--------|-----------|----------|-------------------|
| Non coated                              | *      | *         | *        |                   |
| Matt coated                             | ***    | ***       | ***      |                   |
| Gloss coated                            | ***    | ***       | ***      |                   |
| Cardboard                               | **     | ***       | ***      |                   |
| Synthetics <sup>(1)</sup>               | X      | **        | **       |                   |
| Non absorbent substrates <sup>(2)</sup> | X      | **        | **       |                   |

\*\*\* Perfectly suitable, \*\* Suitable, \* Test necessary, X Not suitable;  
(1) Synthetics (PE, PP, PET, PVC)

(2) Non absorbent substrates: tracing paper, coated chromo colour and metallic

## Recommendations

- Print the repellent paste varnish in the final inking group and the gloss varnish from the varnishing unit.
- Apply the repellent varnish in sufficient quantity by selecting the matt surfaces to be printed, then print a solid print area with gloss varnish. The effect is more contrasted with heavy deposits of the two varnishes.
- As with any offset "paste" varnish, a drying time is necessary before the prints are handled or cutting and folding operations carried out (48h). Isogliss Repellent Varnish is compatible with Infra Red drying: maximum stack temperature: 35°C on top and 30°C on reverse side.
- Maximum storage time: 1 year.