

DECOTHERM™ 100 E

Gel Varnish for Metaldeco 3-piece can

IMPORTANT CHARACTERISTICS:

Decotherm™ 100 E is an 86 % non-volatile gelled varnish based on a rosin based resin, alkyd resin, gelling agent and mineral distillate 260-290 °C.

Decotherm™ 100 E is used for inks printed in offset on flat tin, steel or aluminum.

Decotherm™ 100 E exhibits good adhesion on metals, high gloss and a very fast drying and curing.

Recommendation: Baking coloured inks (add 0.1 % Co- and 0.3 % Ce-drier): 2' at 200 °C.
Baking white inks (no drier): 5' at 200 °C.
Baking 3-piece can: 3' at 150 °C

APPLICATIONS:

- Offset
- Metal deco 3-piece can
- Coloured inks
- White inks

BENEFITS:

- High gloss
- Very fast drying and curing
- Good adhesion on tin, steel and aluminum

Typical Properties

Property	Value	Unit	Test Method / Standard
Acid Value	N / A	mg KOH / g	Titration LIMR1
Viscosity	50	Pa.s	Viscosity at 23°C at 25 sec ⁻¹ LIMV2

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