

# DynaCoat UV-2007

Developed using a proprietary resin technology that does not require the use of acrylate monomer diluents. The result is improved worker safety with lower press side odor and reduced potential for skin irritation. Formulated as a low slide angle UV curable overprint varnish with ultra high scuff resistance which is recommended for folding carton in-line coating applications. DynaCoat UV-2007 provides very fast cure speed, superior gloss, consistent surface mobility and exceeds 1000 face-to-face Sutherland double rubs. Substrates varnished with DynaCoat UV-2007 combine “wet look” graphics with durability to provide excellent filling and distribution properties.

## Physical Properties (as supplied)

Viscosity, as supplied	25 - 30 sec #3 Zahn @ 25°C 320 – 400 cps @ 25°C
Application viscosity:	As received
Weight per Gallon @ 23°C	9.3 lbs.
Wet color:	Slightly opaque water white
Color after curing:	Clear, high gloss
Shelf life:	6 months from manufacture date

## Suggested Application/Cure Data

Application method:	Flexographic, offset gravure, reverse gravure and dampener coater
Recommended coating weight:	2.8 – 3.2 lbs. per 3000 square feet
Cure conditions:	60 ft/min/300 watts per inch lamp (100 millijoules/square centimeter)
Cleanup:	Use cleaning methods and materials normally used with UV products

## Typical Performance Properties

60° Gloss	80+
Slide angle °	10 - 15 (can be custom formulated)
Scuff resistance	no visible scuffing or scratching (1000 Sutherland rubs 4# weight)

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