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TECHNICAL DATA SHEET

RADCOAT LED VARNISH VR2105

DESCRIPTION

RADCOAT LED VARNISH VR2105 is a fast curing gloss overprint varnish suitable for in-line flexographic application over waterbased/UV flexo inks onto paper, board or labels.

VR2105 is especially suited for coating units with UV LED curing units that emit a wave length of between 365 and 405 nanometers.

FEATURES

- LED Curing
- Excellent gloss
- Non yellowing
- Outstanding mileage
- High scuff and abrasion resistance
- Low Odour
- Medium slip

PROPERTIES

- | | |
|--------------------------------------|---------------------------------------|
| ▪ Cure Speed (200W/cm ²) | 147 m/min * |
| ▪ Relative Density @ 25°C | 1.015 ± 0.01 |
| ▪ Viscosity | 11 – 12 Sec Zahn Cup No.4 @ 25°C |
| ▪ Solids Content | 100% |
| ▪ Recommended Film Weight | 3 – 5 g/m ² |
| ▪ Gloss @ 60° | Not < 90% (Valkraft Board No. 1K-Bar) |
| ▪ Angle of Slide | > 25° |
| ▪ Flashpoint | N/A |

*Dependant on maximum efficacy of lamps and reflectors

DRYING

By means of LED curing unit.

PACKAGING AND STORAGE

Packed in 25 Kg pails or 200 Kg drums. Storage stability is six months in original, unopened containers at 20°C.

GENERAL

VR2105 does not contain 4-MBF, Benzophenone, ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO APRIL, 2020

