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TECHNICAL DATA SHEET

RADCOAT LED LO VARNISH VR2122

DESCRIPTION

RADCOAT LED LO VARNISH VR2122 is a fast curing overprint varnish with a high gloss level. VR2122 has been specially formulated to provide a low odour finish and is suitable for in-line flexographic application over waterbased/UV flexo inks onto paper, board or labels. VR2122 is especially suited for coating units with UV LED curing units that emit a wave length of between 365 and 405 nanometers.

FEATURES

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

PROPERTIES

- | | |
|--------------------------------------|---------------------------------------|
| ▪ Cure Speed (200W/cm ²) | 147 m/min * |
| ▪ Relative Density @ 25°C | 1.015 ± 0.01 |
| ▪ Viscosity | 14 – 16 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

VR2122 does not contain 4-MBF, Benzophenone, ITX (Isopropylthioxanthone) or TAA (Titanium Acetylacetonate).

THIS DATA SUPERCEDES ANY PREVIOUS DATA PRIOR TO JUNE, 2020

