

BAJACRYL UV CURE CLEAR COAT 24082

DESCRIPTION: **BAJACRYL UV CURE CLEAR COAT24082** is an one component fast cure, high gloss, hardness ,chemical and scratch resistance Over Print varnish (OPV) based on modified acrylate resins.It cures under UV radiation to form a hard and tough coating which has good resistance against abrasion and impact as well as to stain.

RECOMMENDED USE: As an anti-fingerprint,anti-scratch, high Tg clear coat on **coated MDF panels**.

PHYSICAL CONSTANTS:

Colours: clear/0000
Finish: glossy
Volume by solid: 100 % (curable materials)
Theoretical Spreading rate: 100 m²/litre-10 micron
Flash point: > 105°C Abel-pensky.close cup
Specific gravity: 1 kg/litre
Viscosity: 125-135 sec. (Ford Cup #4)
Cure condition: 60-90 mJ/Cm²
Hardness (pencil): 4H (on glass panel)
Adhesion: 3 – 4B (95-100%)
Stain Resistance: generally resistant for short exposures to a wide variety of household items, but formulation dependant.
Abrasion: 50 - 100 mg loss (Taber CS 17 / 1000 cycles, 1000 gram)

APPLICATION DETAILS:

Mixing Ratio: No hardener needed
Application Method: Roller coating
Thinner (max.vol): No Thinner needed
Pot-Life: -
Take Up: 10 – 12 gr/m²
Roller Pressure: 200 bar/2900 psi
Cleaning of Tools: BAJAK TOOL'S CLEANER 8000
Indicated film thickness, wet: 10 microns
Indicated film thickness, dry: 10 microns
Shelf life: one year
Packing: 20 kg plastic pail or 1000 kg IBC tank

Curing Cycles

For MDF (Medium Density Fiber) board:

- Cure UV-lamps (mJ/Cm²) min. 60
- Type "H"-bulb for transparent colours semi/transparent finishes
- Type "V" bulb (or combinations of H&V) for opaque finishes

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