



POLYURETHANE LACQUER

LPU200/GLOSSY
LPU300/ ½ MATT
LPU400/30%GLOSS
LPU500/MATT

DESCRIPTION

Two components polyurethane lacquer.

PRINCIPLE CHARACTERISTICS

- Excellent resistance to atmospheric exposure conditions.
- Excellent gloss retention.
- Good yellowing resistance.
- Cures at temperatures down to 5 °C.
- Resistance to splash of mineral and vegetable oil, paraffine, aliphatic petroleum products and mild chemicals.
- Good application properties.

BASIC DATA AT 25°C

Mass density

0.98g/cm³

Recommended dry film

30-40 micronS for brush roller

Theoretical spreading rate

10 m²/l

Touch dry after

40 min. at 25 °C

Overcoating interval

12 hours@25°C

Flash point

33 °C

Viscosity

15 poises

Solid content

48-49 %

Hard dry

40 min at 25°C

Storage Temperature

10-35 °C

Shelf life (cool & dry place)

At least 18 months

Colors and Gloss

Clear-gloss; Semigloss;30%gloss; Matt

Full cure

7 hours

RECOMMENDED SUBSTRAT CONDITION AND TEMPERATURE

- Previous coat: polyurethane sealer dry and free from any contamination sufficiently roughened if necessary.
- Substrate temperature should be at least 3°C .
- Maximum relative humidity during application and curing is 85%.
- Premature exposure to early condensation and rain may cause gloss change.

CLEAN-UP

Clean hands and tools immediately with PU thinner. Clean spills right away with a damp cloth.

DIRECTION FOR USE

INSTRUCTION

- Mixing ratio by volume :base to hardener 100:50.
- The temperature of the mixed base and hardener should preferly be above 10 °C otherwise extra solvent may be required to obtain application viscosity.
- Too much solvent results in reducing sag resistance.

APPLICATION

BRUSH/ROLLER

Recommended solvent : Polyurethane Thinner BMA
Percentage of solvent : 20-25% depending on application
Viscosity.

AIR SPRAY

Recommended solvent : Polyurethane Thinner BMA
Percentage of solvent : 20-30% depending on application
Viscosity.

CLEANING SOLVENT

Polyurethane Thinner BMA

SAFETY AND HEALTH

In case of eye contact treat any foreign body by flushing with large amounts of water .
For skin contact repeated exposure may cause skin dryness or cracking since , it contains cobalt, ketoxime may cause allergic reaction.
For safety when applying it is advisable to wear eye protection glasses hand gloves and face mask.
Keep out of the reach of children , do not use or store by hanging on a hook.
Lead to toxic exposure that cause serious damage for brain especialy for children and pregnant women.

SHIPPING

Packing

US gal – 5 L gal - 20L
pail (upon request)

Storage Condition

Store away from extreme temperature.
Containers should be kept closed during storage.

Limitations

This is a solvent base paint and care should be taken to avoid inhalation of spray mist or vapor as well as the contact between the wet paint and exposed skin or eyes period.

TDS-BMA-E4-A-12

