



PAINT POLYURETHANE

PPU260-PPU299 /GLOSSY
PPU360-PPU399/ ½ MATT
PPU460-PPU499/30%GLOSS
PPU560-PPU599/MATT

DESCRIPTION

Two component aliphatic finish paint PU.

PRINCIPLES CHARACTERISTICS

- Unlimited recoatable.
- Excellent resistance to atmospheric exposure conditions.
- Excellent color and glossy retention.
- Good yellowing and chalking resistance.
- Cures at temperatures down to 5 °C.
- Resistance to splash of mineral and vegetable oils , paraffine, aliphatic petroleum products and mild chemicals.
- Can be recoated even after long atmospheric exposure .
- Good application properties.

BASIC DATA AT 25°C

Mass density

1.21 g/cm³

Recommended dry film

50 - 60 micron for brush / roller

Theoretical spreading rate

8-10 m²/l

Touch dry after

1 hour at 25 °C

Overcoating interval

4 hrs at 25 °C

Flash point

33 °C

Viscosity

25 poises

Solid Content

49-55%

Hard dry

24 – 36 hours at 25°C

Storage temperature

10 – 35 °C

Shelf life (cool & dry place)

At least 24 months

Colors and Gloss

White ,black(other colors upon request)-
glossy,1/2matt,30%gloss,matt.

Full cure

2 days

RECOMMENDED SUBSTRAT CONDITION AND TEMPERATURES

- Previous coat: primer polyurethane 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 color and gloss change.

CLEAN-UP

Clean hands and tools immediately with thinner PU .
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 preferably 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: PU Thinner BMA
Volume of solvent : 20-30%

Air SPRAY

Recommended solvent: PU Thinner BMA
Volume of solvent : 25 – 40 % depending on viscosity application

CLEANING SOLVENT

PU 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 gallon
other packages 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.