



Acrylic Polyurethane Paint

PAK060-PAK199+HPU600-650 (catalyst)

DESCRIPTION

Two components aliphatic acrylic polyurethane finish.

PRINCIPLE CHARACTERISTICS

- Unlimited recoatable.
- Excellent resistance to atmospheric exposure conditions.
- Excellent color and gloss 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

1.1 ± 0.05 g/cm³

Recommended dry film

50 - 60 microns for brush/roller

Theoretical spreading rate

45 ± 2m²/gal

Touch dry after

20 mins. at 25 °C

Overcoating interval

24 hrs at 25 °C

Flash point

33 °C

Viscosity

30 poises

Solid Content

40 ± 5 %

Non Volatile Resin

38 ± 5 % (by weight)

Total Pigments

15 ± 2 %

Storage temperature

10 – 35 °C

Shelf life (cool & dry place)

24 months (paint) – 12 months (catalyst)

Colors and Gloss

White and black(other colors upon request) – glossy

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 polyurethane .
Clean spills right away with a damp cloth.

DIRECTION FOR USE

INSTRUCTION

- Mixing ratio by volume: base to hardener 100:25
- 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
- Induction time : none
- Pot life : 5 hrs.at 20 °C

APPLICATION

BRUSH/ROLLER

Recommended thinner: P.U Thinner BMA
Volume of thinner : 10-15%

AIRLESS SPRAY

Recommended thinner: P.U Thinner BMA
Volume of thinner : 25-40% depending on viscosity application

CLEANING SOLVENT

P.U 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.

TDS-BMA-H8-13

