

Metal Coating

PU-207 Water based polyurethane peelable protective coating

DESCRIPTION

The peelable coating is designed using water based polyurethane that can be applied to smooth, non-porous surfaces and simply peeled off once dry. All peelable coatings may be applied with water compatible airless sprayers or automatic spray systems to protect surfaces from minor nicks, scratches, abrasions, and any other unwanted contaminants during transit or in completion or assembly during manufacturing.

TYPE

Aromatic polyurethane dispersion (PE/PU)

KEY

FEATURES

- VOC free, slight odor, non-toxic, white layer
- Water based coating, green environmental protection
- Excellent thermal stability, flexibility and leveling property
- Suitable adhesion on the coating, and no damage to the surface
- Protect surfaces from minor nicks, scratches, abrasions and any other unwanted contaminants

TYPICAL

PROPERTIES

Appearance	Milky white liquid
pH	7.0-9.0
Solid content	40±1%
Charge	Anionic
Viscosity (25°C)	300-800cP
Elongation (%)	>200
Tensile strength (MPa)	>2.2
Dry time for Touch (25°C)	1-2 hours
Dry time for Test (25°C)	24 hours

APPLICATION

- Metal
- Automobile
- Ceramic
- Wood
- Glass
- Plastic etc.

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Eco-Friendly



Non-Toxic



WATER BASED PU

APPLICATION

METHOD

- Clean the surface
- The paint should be fully stirred before use, if there are impurities, please filter it after the bubbles disappear. The product needs to be covered timely after use to prevent deterioration.
- Brush, roller, spray, dip are available, recommend to spray. (Spray gun model: W-71, pressure of the air pump: 1.5-3.5bar), can use 10% water to adjust the viscosity.
- Coating thickness is at least 90μm to ensure remove easily. Too thin easy to tear off, too thick easy to sagging.
- At 20°C/60% humidity /90 μ m conditions, surface dry time is about 30 minutes, real dry time is about 4 hours. At 60°C, the time is 15 minutes.

STORAGE

AND

HANDLING

- Available in 200 kg/ barrel or 25 kg/ barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 9 months from delivery date
- According to non-dangerous goods transport

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