
PENTA PU 7 + 1 MATT 1874

DESCRIPTION

PENTA PU 7+1 MATT (1874 –series) is two components aliphatic acrylic polyurethane finish. A high performance industrial finish providing color and gloss retention in long exterior exposure plus chemical resistant.

Recommended for pharmaceutical, chemical plants, refineries, marine / offshore structures where a highly decorative and chemical resistant film is required.

FEATURES

- Good Stain resistance
 - Good Gloss retention
 - Good adhesion
 - Good Abrasion resistance
 - Good flexibility
 - Good Water resistance
 - Good chemical resistance
 - Good solvent resistance
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PHYSICAL DATA

Color	:	Wide range, as required
Finish	:	Matt
Specific Gravity (t=25°C)	:	Approx 1.10 kg / L (mixed)
Volume Solid (%)	:	Approx 60 %
Theoretical Coverage	:	Approx 10 m ² / L at 60 µm dry film thickness
Drying Time (t = ± 30°C)	:	Touch dry : 1 – 2 hours Hard dry : 6 – 7 hours Full dry : 5 – 7 days
Accelerated Weathering Test : for 500 hours (ASTM G53)	:	No change in color
Abrasion Resistance (ASTM D 4060)	:	Approx 40 mg Loss

APPLICATION DATA

No of Component	:	2 (two packs)
Curing Agent	:	CA.7 – 0423
Recommended Film Thickness	:	50-100 micron d.f.t / coat
Flash Point	:	27 °C, Closed cup
Thinner	:	Thinner 0170
Tool Cleaning	:	Tool Cleaner 0100

MIXING AND THINNING

Mixing ratio by volume	:	Component Base 1874-series : 7 Curing Agent CA.7 – 0423 : 1
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- Mixing direction : Mix the individual component till uniformity of liquid is obtained; combine both components then stir those combined components (base and curing agent) with powered mixer for at least 60 seconds, then add a specified thinner 0170 to obtain the suitable application before into application tool.
- Thinning : Thinner 0170, usable when necessary.
- Pot Life : 4 hours at 25° C and RH 60 %
- Induction time : 3-5 minutes

APPLICATION

- Application tool : Brush and roller.
- Brush : Recommended for application on small areas. Care must be taken to achieve the specified dry film thickness.
 - Roller : Recommended. Care must be taken to achieve the specified dry film thickness.
- Application condition : As dictated by normal good painting.
- Work Stoppages : Do not allow mixed material to remain in hoses, gun or spray equipment.
- Recoating interval : Min : 24 hours
Max : None
- Clean Up : Clean all equipment immediately after use with Tool Cleaner 0100. It is good working practice to periodically flush out spray equipment during the course of the working day.

SURFACE PREPARATION

Refer to recommended primer or intermediate coat surface preparation, as a general practice for good painting, surface should be clean, dry, and free of any contamination or loose paint prior to application of the subsequent coat.

If there will be an unusually long period of time between application of the primer and finish coat, the primed surface should be roughened with sand paper prior to apply Prima PU 7 + 1 Finish Matt (1874-series).

PRECAUTIONS

The product can be stored for at least 1 year in their original Packs.

This product is flammable, keep away from heat or open flames. As general rules, inhalation of solvent vapors or paint mist and contact of liquid paint with skin or eye should be avoided. Forced ventilation should be provided when applying in confined spaces respiratory, skin, and eyes protection are always recommended.

For detailed information on health and safety hazards and precautions in using this product, we refer to the *Material Safety Data Sheet*.

PACKAGE

1 L set, 5 L set and 20 L set