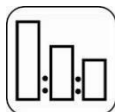


Description

Pristine floor parquet is a premium Modified acrylic urethane 2K System that provides a Uniform soft Matt Finish with excellent scratch resistance and self-healing properties. It is designed to have outstanding durability and chemical resistance properties. The product shows excellent transparency thereby preserving the metallic effect.

Suitable Substrates

Pristine Clear Sealer
 Radiant Colour Base Coat



2 Pristine floor parquet
 1 Pristine floor parquet hardener
 0-10% Radiant PU Thinners



Spray-gun setup:

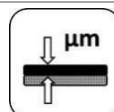
Gravity fed | 1.3-1.4 mm

Application Pressure:

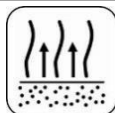
1.7-2.2 bar | 28-30 psi | At spray-gun air inlet
 HVLP max 0.6-0.7 bar (8-10 psi) at the air cap



2 coats



40-60 μm



Between coats:

5 - 10 minutes at

20°C

70°F

Before 60°C (140°F) baking:

5 - 10 minutes at

20°C

70°F



Dust dry
 Dry to handle
 Dry to polish

20°C (70°F)

55 min.

8 hours

NA

30°C (70°F)

40 min.

8 hrs.

NA

40°C (70°F)

35 min.

6 hrs.

NA

60°C (140°F)

-

30-40 min.

1 hr. after cool down

Infra-Red

4+8 minutes



Pristine floor parquet
 Pristine floor parquet hardener
 Radiant PU Thinners

3 years

2 years

1 year



► The VOC content of this product in ready to use form is maximum

590 g/liter



Use suitable respiratory protection

Nippon Paint Automotive Refinishes recommends the use of fresh air supply respirator.

For detailed information read entire TDS

Description

Pristine floor parquet is a premium Modified acrylic urethane 2K System which provides a Uniform soft Matt Finish with excellent scratch resistance and self healing properties. It is designed to have an outstanding durability and chemical resistance property. Product shows excellent transparency thereby preserving the metallic affect.

Suitable Substrates

Pristine Clear Sealer
Radiant Colour Base coat
WB basecoat system

Notes: Follow recommended flash off and re-coating time of the basecoat.

Product and Additives

Product	Pristine floor parquet	
Hardener	Pristine floor parquet hardener	
	Pristine floor parquet hardener (rapid)	
Reducers	Radiant PU Thinner (Standard)	20-35°C
	Radiant PU Thinner (Slow)	35-50°C

Basic Raw Materials

Pristine floor parquet	Acrylic Polyol
Pristine floor parquet hardener	Poly-isocyanate resin
Radiant PU Thinner (Standard)	Blend of solvents

Flexible Parts

Type of Plastic	Clear coat	Softener
Flexible/Soft	100	NA
Soft	100	NA

Notes: Nax Matt Clear is very flexible clear and hence does not require nax softener

Mixing

Standard			Thinner Selection			
100	100	Pristine floor parquet			20-35°C	35-45°C
50	50	Pristine floor parquet Hardener			Medium	Slow
0-10	0-10	Radiant PU / Radiant Slow Thinners (optional)			Medium	Slow

Above ratio is for both normal and flexible system
Stir after each added component


Viscosity (DIN 4 Cup)

		20°C(70°F)		30°C(86°F)	
		17-18	sec	14-17	sec
		17-18	sec	14-17	sec


Pot Life

		20°C(70°F)	30°C(86°F)	40°C(100°F)
		2 Hrs.	1½ Hrs.	1 Hrs.
		1½ Hrs.	45 min	30 min

Spray gun set-up / application pressure

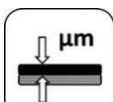
	Spray-gun type	Spray-gun type	Nozzle size	Application pressure
	<ul style="list-style-type: none"> ▶ LVLP ▶ HVLP 	Gravity Gravity	1.3-1.4 mm 1.3-1.4 mm	1.7-2.2 bar at the spray gun air inlet (HVLP: max 0.6-0.7 bar at the air cap)

Application


	Standard Application	<ul style="list-style-type: none"> ▶ Apply one medium coat, then allow to flash for 5-10 minutes. ▶ Apply the 2nd wet coat
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Notes: Flash-off time depends on ambient temperature, applied layer thickness and airflow. Application should be done in dust free condition.

Film thickness


	<ul style="list-style-type: none"> ▶ All 	Using the recommended application technique	40-60 µm
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Drying time

	Dust dry	20°C(70°F)	30°C(86°F)	40°C(100°F)	60°C(140°F)	Infra-Red
	<ul style="list-style-type: none"> ▶ Standard ▶ Fast 	55 min. 50 min.	45 min. 40 min.	35 min. 30 min.	- -	n/a n/a
	Dry to handle	7 hrs.	5 hrs.	4 hrs.	30 min.	4+8 min.
	<ul style="list-style-type: none"> ▶ Standard ▶ Fast 	7 hrs. 7 hrs.	5 hrs. 5 hrs.	4 hrs. 4 hrs.	30 min. 30 min.	n/a n/a

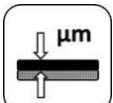
Notes: Indicated drying times are panel temperatures. The oven temperature should be set to 10 °C higher. Allow 10 minutes to flash off before Infra-Red drying.
The panel must not reach a temperature above 100°C (210°F) while curing.
The drying cycle at 60°C (140°F) object temperature allows the product to completely cool down to ambient temperature. Using a fast hardener at high temperatures can decrease the gloss.

Polishing

	Polishing is not recommended for this product. Polishing will make the product glossy.
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Notes:

Coverage


	By using the recommended application, the theoretical material coverage is:
	<ul style="list-style-type: none"> ▶ 8 m²/liter RTS mixture at 50 µm

Notes: The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, pressure and application circumstances.

Equipment cleaning

Solvent borne gun cleaners

Solvent Content

	<ul style="list-style-type: none"> ▶ The VOC content of this product in ready to use form is maximum 590 g/liter
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Shelf life


Pristine floor parquet	3 years
Pristine floor parquet hardener	2 years
Radiant PU Thinner (Standard)	1 year
Minimum storage temperature: 5°C (41°F)	Maximum storage temperature: 35°C (95°F)

Notes: Product shelf-life is determined when products are stored unopened at 20°C (70°F). Avoid extreme temperature fluctuation.

--- Local organization address with phone number ---

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