ROFAST FINISH 204

DESCRIPTION:

It is high gloss non yellowing modified alkyd finishing coat.

PROPERTIES:

- Suitable for interior and exterior use.
- Easy application by brush and roller with excellent flow.
- Good weather resistant.
- High opacity.
- Good color retention.
- Can be applied over alkyd paints.
- Non-yellowing and very quick drying.
- Heat resistant finishing coat up to 120 °C.

TECHNICAL DATA :

Color	As the customer request.
Glossy	high gloss.
Specific gravity	1.16.
Solid by volume	52.6 % approx.
Dry film thickness	35 – 50 microns.
Wet film thickness	65 – 95 microns.
Theoretical spreading rate	9 m2/ Kgm (50 microns D.F.T.)
Practical spreading rate	How to calculate the coverage rate for paints, It always depends on several important factors: **First:** It depends on the skill of the worker, where the rate of applying paints becomes one

on the surface and gives the thickness of the soft film approximately one until we get a stable dry film thickness

Second: The thickness of the film formed depends on the weather temperature and the degree of humidity, and always the appropriate temperature is 25 ºC and the relative humidity is 60%

Third: It must be taken into account that each application of paints has a global calculated dead rate and is always taken into account when calculating the individual's rates.

Fourth: The dilution ratio of any paints depends on several important factors

1- Weather temperature and humidity

2- The thickness of the film to be painted

3- The type and size of the nozzle used in the case of air and airless methods.

4 - The size and flatness of the work piece to be painted, as the larger the surface area, the lower the percentage of waste

Fifth: According to the international standard specifications (ASTM), the percentage of waste is calculated as follows:

• When using the roller and brush:	
Dilution rate	5-10%
Losses rate	5-10%
• When using the air spray:	
Dilution rate	10-20% (The dilution percentage depends on the temperature and relative humidity)
Losses rate	25 – 30%
• When using the airless spray:	(the percentage of waste depends on the air pressure of the compressor user, occupied flat and worker skill)
Dilution rate:	10-20% (The dilution percentage depends on the temperature and relative humidity)
Percentage of waste	30 - 50% (depends on the percentage of the workload and skill The Worker)
Drying time	
Touch	15 min (at 25 ºC & 60% R.H.)
Full cured	72 hrs. (at 25 °C & 60% R.H.)
Shelf life	At least 12 months (in original containers at normal conditions)
Flash point (Din 53213)	35 °C.

Thinner:	No. RO1001 (Roots thinner)
Overcoat interval	min: 8 hrs. (at 25 ºC & 60% R.H.)
	max: no limitation.

RECOMMENDED SUBSTRATE CONDITION :

- Previous suitable coat (Rofast primer 104) dry and free from any contamination and sufficiently roughened if necessary.
- Substrate temperature should be at least 3 ºC above dew point.

INSTRUCTION FOR USE :

- Stir well before use.
- The temperature of the paint should be above 15 ºC, otherwise extra thinner may require to obtain application viscosity.
- Too much solvent results in lower sag resistance.

APPLICATION METHODS:

AIRLESS SPRAY:

- Nozzle orifice : 0.012 – 0.014 inch.
- Nozzle pressure : 120 – 140 bar.

AIR SPRAY :(for small area)

- Nozzle orifice : 2 – 3 mm.
- Nozzle pressure : 3 – 5 bar.