



Technical Data Sheet

FANTASIA 420

ENAMEL PAINTS Solvent-based product, Gloss finish

Description:

FANTASIA 420 is a quality high gloss synthetic paint formulated with high quality alkyd resins and other additives to give a smooth glossy surface. Available in White and Colors. Suitable for interior Use.

This product conforms to company specification No.51417 as per ministerial decree No. 181/1996

Features:

- High Gloss
- Excellent Coverage
- Good Color and gloss retention
- Good hiding power

Physical Properties:

Color	White - Colors		
Appearance	Opaque		
Gloss	Glossy		
Solid Content by volume	53% ±2 (For White)		
Specific Gravity	1.07 ± 0.03 (For White)		
Thinning	White Spirit/Turpentine Up to 15%		
Flash Point	40°C		
Theoretical Spreading Rate	8 - 10 Sqm/Kg/Coat		
	(The Actual coverage depends on substrate nature and preparation & method of application)		
Average Dry Film Thickness	30-40 μm		
Drying Time	Touch Dry:	4-5 Hours	
	Re-Coat:	18 Hours	
	Full Curing:	24 Hours	
	When relative humidity is higher than 50%, double the required time. Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.		

Application Conditions:

Temperature: 10 to 30° C (ideal 20° C ± 5° C). Relative humidity: Ideal between 15 and 55%, maximum 85%. Maintain these conditions during the application and the following 24 hours.

Low temperature, high humidity, thick films, or poor ventilation extend drying time.

Surface Preparation:

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. In case of metal surfaces rust should be removed using abrasive blasting or treated with RUSTON 517

Application Procedure:

Thin with white spirit up to 10% when using brush or roller, and 15% when using spray. Stir thoroughly before use and occasionally during use.

Pour the quantity of paint needed into another container to avoid contaminating the original paint container. Keep containers closed when not in use. Apply the product by complying with its spreading rate, leaving no bare spots or excessively coated areas. Provide adequate ventilation. Observe drying time between coats. Low

temperatures or high humidity will affect drying time.





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Application Tools:

Roller	Brush	Spray Gun	
Recommended	Recommended	Conventional or Airless spray	
Apply using a smooth to medium nap synthetic roller cover, depending on texture or surface porosity	Apply using a quality nylon, polyester or combination nylon/polyester brush	Airless Spray Guide: Nozzle tip: 0.015-0.021 inch Spray Angle: 20°-60° Nozzle Pressure: 140 – 190 kg/cm² (2100 psi)	

Recommended Application System:

Product		Concrete Substrates	Metal Surfaces	Wood Surfaces
MAXISEAL 1000		1		
MAXIFLEX 700	<u> </u>	2		1
PROTALL 1620	 f Coat		1	
FANTASIA 450	 lber o	1	1	1
FANTASIA 420	N Su F	2	2	2

Shelf Life & Storage Conditions:

Keep in a dry and ventilated area, between 10 and 30°C away from direct sunlight, heat sources or freezing temperatures.

Under such conditions, unopened containers may be stored up to 24 months from manufacturing date.

Disposal:

Clean up any minor spills and spatters immediately with Mineral Spirits, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local regulations.

Health & Safety Precautions:

Please observe the precautionary notice displayed on the container. Use under well-ventilated conditions wearing suitable protective clothes. Sanding and grinding dusts may be harmful if inhaled.

FIRST AID TREATMENT:

In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.