

AP ENAMEL

CODE : 344-XXX

PROJECT

OTHER

DESCRIPTION

Acrylic solvent base paint with excellent weathering resistance

USE

For interior & exterior decoration such as asbestos, masonry, plaster, hard & soft boards and roof.

COLOR AND GLOSS LEVEL APPEARANCE

1. White, grey, costum color by request
2. Gloss level : Gloss

BASIC DATA

Data for mix product	
Application Method	Airless spray, Air spray, Brush or Roller
Specific Gravity	1.15 g/ml
Volume Solids	49 %
VOC	506 g/Liter (Method 24 analysis)
Flash point	Base : 42°C
Mixing Ratio	-
Recommended DFT	30 micron
Theoretical Coverage	16 m ² /Liter at DFT 30 micron 13.9 m ² /Kg at DFT 30 micron *Practical coverage vary depending on loss factor
Pot Life	At temperature 10°C 20°C 30°C - - -
Packaging	5 Liter (5.75 Kg) Base in 5 Liter container 20 Liter (23 Kg) Base in 20 Liter container

SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation	
	Minimum	Recommended
Coated Surfaces	Clean, dry and undamaged compatible coating. Soft sanding if necessary	Clean, dry and undamaged compatible coating. Soft sanding if necessary

APPLICATION

- Relative humidity shall be below 85%, moisture content of substrate shall be max 8%
- Adequate ventilation shall be provided in confined spaces to ensure proper drying
- All surface to be coated should be completely clean, dry and free form contaminants
- Remove salt and other waters-soluble contaminants by fresh water
- Remove oil and grease with suitable detergent or solvent
- Remove rust, mill scale and other loose materials completeley by dry abrasive blasting

Mixing	This material is a one component coating. Stir paint in container with power agitator well before using	
Airless Spray	Recommended	Nozzle Tip : 0.33 – 0.43 mm Nozzle Pressure : Not less than 10 MPa
Air Spray (Conventional)	Recommended	Nozzle Orifice : 1.4 – 1.8 mm Nozzle Pressure : 0.3 – 0.4 MPa
Brush	Recommended	Typically 20 – 30μ can be achieved
Thinner	AP Enamel Thinner Alkyd NF Thinner	Max 15% depend on application method

Over coating interval for DFT 35 micron				
Over-coating with	Interval	10°C	20°C	30°C
Acrylic paint	Minimum	-	4 hours	1 hours
	Maximum	1 month	1 month	1 month

Curing time DFT to 30 micron			
Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	-	-	-
20°C	1 hours	4 hours	7 days
30°C	0.5 hours	2 hours	7 days

SAFETY PRECAUTIONS

For paint and recommended thinners, see safety sheet and relevant material safety data sheet
This is a solvent borne paint and care should be taken to avoid inhalation of spray mist of vapor as well as contact between the wet paint and exposed skin or eyes

- Avoid at all times inhalation or aerosol spray-mist
- Harmful by inhalation and in contact with skin
- Highly flammable liquid and vapor
- Harmful to aquatic organism, may cause long-term adverse effects in the aquatic environment

STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations

DISCLAIMER

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