

Flower Synthetic Enamel

Update: 11/9/2015

PRODUCT SPECIFICATION

PRODUCT NUMBER	1100HK Series
PRODUCT NAME	Flower Synthetic Enamel

INTRODUCTION

RECOMMENDED USES	For top-coating interior / exterior suitably primed surfaces, including wood, iron, steel and galvanized iron surfaces.
PRODUCT DESCRIPTION	<p>This is a durable enamel designed for internal and external applications, achieving decorating and protective purposes.</p> <ul style="list-style-type: none"> • Outstanding gloss retention • Excellent colour retention • Excellent adhesion • Excellent opacity • Excellent levelling and easy application • A wide range of colours available

TECHNICAL DATA

VEHICLE	Long oil alkyd			
COLOUR	Standard colours (Other colours on request)			
FINISH	Gloss (Other finishes on request)			
VOLUME SOLIDS	44%—55% (Vary with colours)			
TYPICAL DRY FILM THICKNESS	35 microns			
CALCULATED COVERAGE	* 12-16 sq. m/ L/ 1 coat (At 35 microns)			
DRYING TIME AT 25°C & 70% RH	Touch Dry	Tack Free	Overcoating	
	4 hours	8 hours	Min. - 8 hours Max. - Indefinite	

* Based on theoretical consumption; factors such as paint colour, application methods, surrounding environment and substrate conditions will affect the actual consumption.

STANDARD PACKING

90ml Tin	340ml Tin	1L Tin	4L Tin	18L Tin
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SURFACE PREPARATION

ALL SURFACES	<ul style="list-style-type: none"> • Surface must be stable, clean, dry, free from grease and contaminants before application. • Surfaces should be coated with suitable primer. • Surface must be stable, clean, dry, free from grease and contaminants before painting. • Remove peeling or flaking paint by wire brushing, scraping or high pressure water jet. • Gloss finishes should be sanded down before painting.
IRREGULAR SURFACES	<ul style="list-style-type: none"> • Smooth out surface irregularities with Flower Patching Paste #901.

COMPLEMENTING PRODUCTS

	PRIMER	UNDERCOAT
GALVANIZED METAL	Flower Water-Borne Anti-Corrosive Primer #981	Flower Quick Dry Acrylic Primer Undercoat, White #103
IRON / STEEL	Flower Anti-Corrosive Zinc Phosphate Primer #912 Flower Anti-Corrosive Red Oxide Primer #915HK Flower Anti-Corrosive Zinc Chromate Primer #956HK	Flower Synthetic Undercoat, White #101HK Flower Premium Synthetic Undercoat, White #102
WOOD	Flower Quick Dry Acrylic Primer Undercoat, White #103	

APPLICATION

APPLICATION METHOD	Brush, Roller or Conventional Spray
REDUCTION RATIO BY VOLUME	Reduce 10 parts of 1100HK series with 1 part of Giraffe Mineral Turpentine #424HK
REDUCTION/ CLEANSING SOLVENT	Giraffe Mineral Turpentine #424HK
OTHER CONSIDERATIONS 	<ul style="list-style-type: none"> • Stir well before use. • For proper curing of paint, the surface temperature should be 0°C or above and the relative humidity should not exceed 85%. • Not suitable to apply in high alkaline condition. • Paint film should not be too thick, best thinner than 35 microns for 1 coat. • Recoat after the suggested self-recoat time. Short self-coating time will cause the underneath film dry slowly, resulting in crinkle, poor water resistance and adhesion. • Close the lid tightly after use and store at a cool, dry place (0-35°C).
HEALTH & SAFETY PRECAUTIONS 	<ul style="list-style-type: none"> • Flashpoint 40°C. • This product is inflammable. Keep away from sparks and open flames. No smoking should be permitted in the working area. • Provide adequate ventilation during paint application. • Wear fume masks and protective clothing to avoid skin contact or inhalation of spray mist. • If the product comes in contact with the skin, wash thoroughly with luke warm water, and soap or suitable cleanser. • If the eyes are contaminated, flush with water or diluted boric acid solution for minimum 10 minutes and obtain medical attention at once. • Keep out of reach of children.

* Type of Regulation Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong : P10-03
 VOC content (ready to use) \leq 420 g/L
 (Except 11E00HK Series, 1102HK and 1104HK)

The information given in this sheet is for guidance only and no warranty is provided. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage arising out of such use.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development. It is the user's responsibility to check this sheet is current prior to using the product.

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