



Flower

Architectural & Decorative Coatings

Flower Oil Base Acrylic Masonry Sealer

Update: 30/8/2011

PRODUCT SPECIFICATION

PRODUCT NUMBER	#972
PRODUCT NAME	Flower Oil Base Acrylic Masonry Sealer

INTRODUCTION

RECOMMENDED USES	For priming and sealing new masonry surfaces with high alkalinity. Also suitable for priming previously painted surface during maintenance.
PRODUCT DESCRIPTION	<p>This is an oil base acrylic sealer which is excellent for priming and sealing the new and old masonry and concrete surfaces. It has excellent water and alkali resistance, thus minimize the chemical reactions between the masonry & concrete surfaces, and the topcoatings.</p> <ul style="list-style-type: none"> • Excellent alkali resistance, enhancing the colour retention of the topcoats • Excellent adhesion, enhancing the adhesion & persistence of the painting system • Excellent opacity, reducing the topcoat consumption • Retards the carbonation of concrete

TECHNICAL DATA

VEHICLE	Styrene acrylic copolymer			
COLOUR	White			
FINISH	Matt			
VOLUME SOLIDS	Approx. 32%			
TYPICAL DRY FILM THICKNESS	30 microns			
CALCULATED COVERAGE	* 10-11 sq. m/ L/ 1 coat (At 30 microns)			
DRYING TIME AT 25° C & 70% RH	Touch Dry	Hard Dry	Topcoating	
	1 hour	3 hours	Min. - 4 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

4L Tin	20L Tin	
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SURFACE PREPARATION


NEW MASONRY SURFACES	<ul style="list-style-type: none"> • Surface must be stable, clean, dry, free from grease and contaminants before application. • New concrete should be stable and allowed to age for at least 4 weeks under normal drying conditions before application. • Surface water content must be below 10% while pH value must be below 10. • Remove loose mortar, laitance and efflorescence by wire brushing. • Remove grease, dust, dirt and contaminants by water or alcohol. • Smooth out the irregularities by cement mortar or tile filler and sand before application.
PREVIOUSLY PAINTED/ CHALKING SURFACES	<ul style="list-style-type: none"> • Remove peeling or flaking paint by wire brushing or scraping. • Remove chalking paint by hard brushing or high pressure water jet. • Gloss finishes should be sanded down before coating. • For surfaces coated with 3200HK & 4500HK, please consult our Technical Service for specific recommendations.


COMPLEMENTING PRODUCTS

TOPCOAT	
MASONRY/ CONCRETE SURFACES	Flower Matt Latex Paint 000 Series Flower Premium Emulsion Paint 0100 Series* Flower Water-Borne Acrylic Wall Finish 0200 Series* Flower Gloss Latex Paint 0300 Series Flower Premium Sand Textured Emulsion Paint 3500 Series Flower Sand Textured Emulsion Paint 3800 Series <p style="text-align: right;">* Sales in Hong Kong only</p>

APPLICATION

APPLICATION METHOD	Brush, Roller or Conventional Spray
REDUCTION RATIO	Not necessary
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%. • Primer must coat evenly on the surface according to the suggested thickness. • 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. • Wash all equipments with solvent promptly after application. • Close the lid tightly after use and store at a cool, dry place (0-35°C).
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HEALTH & SAFETY PRECAUTIONS 	<ul style="list-style-type: none"> • Flashpoint 29°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 clothings 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.
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* Type of Regulation Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong : P08-24
 VOC content (ready to use) ≤ 400 g/L

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.

The China Paint Mfg. Co., (Shenzhen) Ltd.
 being awarded the ISO 9001
 in the scope of design, development, manufacture, sales and service of paints and solvent products. The accreditation complies with the international standards and the China National Standard GB/T19001-2008

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