








FLAXOSHIELD EXTREME SILK

Product Description

Flaxoshield Extreme Silk is a 100% pure acrylic water-based emulsion paint. This premium grade product provides exceptional protection against both Infrared (IR) and Ultra Violet (UV) rays from sunlight, reducing heat absorption and energy consumption within buildings. Its specially formulated composition can withstand harsh weather condition, ensuring long-term durability while safeguarding concrete from carbonation.

Advantages







-  High solar reflectance
-  Excellent weathering resistance
-  Excellent colour retention
-  Low dirt pick-up and long lasting finish
-  Excellent alkali resistance and adhesion
-  Protects concrete from carbonation
-  Non-hazardous and environmental friendly

Recommended Uses

Recommended for protecting exterior surfaces such as cement plaster, concrete, masonry, blockwork, rendered surfaces, gypsum etc.

Substrate should have adequate strength to receive the paint. Any defects in the substrate like surface undulations, cracks, pin holes etc., should be rectified/filled before starting painting.





Physical Properties

 Colour	Refer to Flaxen Paints colour card
 Finish	Smooth, Silk
 Volume Solids	38 ± 2%
 Specific Gravity	1.27 ± 0.02
 Packaging Size	4L / 18L
 VOC	< 1 g/L

Typical Painting System*

Flaxo Acrylic Primer OR Flaxo Penetrating Primer (S.B)	1 coat
<i>FlaxoShield Exterior Filler for touchup and to rectify any minor imperfections on the substrate</i>	
FlaxoShield Extreme Silk	2 coats
<i>*Above mentioned paint system is for general guideline only, other system may be specified, depending on area of use. Please refer to our decorative sales department for technical assistance</i>	

Application Data

 Film Thickness Per Coat			
Dry Film Thickness		25 – 30 µm	
Wet Film Thickness		65 – 79 µm	
 Drying Time*	10°C	30°C	40°C
Touch Dry	10 h	4 h	2 h
Recoating Interval	12 h	5 h	3 h
Hard Dry	24 h	8 h	4 h
<i>* Temperature, humidity, air movement, ventilation, film thickness and number of coats all effect the drying time. The figures given are typical with good ventilation, typical film thickness and relative humidity at 70%.</i>			
 Theoretical Spreading Rate*	12.6 – 15.2 m ² /liter		
<i>*Actual coverage will vary based on surface condition, wastage and film thickness applied.</i>			
 Thinner		Potable Clean water	

Method of Application:

Roller, Brush & Airless Spray

Guiding Data for Spray Equipment*:

Spray Angle : 65° - 80°
 Nozzle Size : 0.021" – 0.027"
 Pressure : 2000 – 2700psi

**the spray detail given above are intended as a guide only, fluid hose length, diameter, paint temperature and project complexity all influence the choice of tip and operating pressure.*

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Application Data - cont'd

Cleaning Solvent:

Water

Dilution:

5 – 10 %






Surface Preparation:

Before application, substrate must be sound, clean, dry and free from dust, oil, grease, loose particles, laitance, powder paint and from all the substances that may prevent adhesion. All loose material must be removed by stiff bristle brush. All traces of form release agents curing agents must be removed. A light sanding with suitable abrasive material is recommended before application.







Application Conditions:

Substrate temperature should be 10°C & at least 3°C above the dew point of the air. At application below 10°C drying temperature will be significantly extended & spraying characteristics may be impaired. Good ventilation is recommended in confined areas to ensure proper drying. Do not apply during strong wind, fog, high relative humidity and imminent rain.

Storage

-  Keep out of reach of children.
-  Store in cool, dry well-ventilated space and away from source of heat and ignition
-  Containers must be kept tightly closed.
-  Shelf life of up to 24 months from the date of manufacture when stored in warehouse conditions below 35°C in the original packs.
-  Stir well before use and handle with care.

Health and Safety Precautions

-  Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.
-  Always ensure good ventilation during application and drying. When applying the paint in insufficient ventilated areas, forced ventilation should be provided.
-  During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapor, should be strongly avoided.
-  Remove splashes from skin, use soap and water or recognized skin cleaner
-  Wastes and empty containers should be disposed of in accordance with local safety regulations.
-  Material Safety Data Sheet (MSDS) can be obtained upon request.

Disclaimer

The information provided in this data sheet is not intended to be complete. It is the responsibility of the user to ensure that the product used is suitable for the purpose it is meant to serve. In view of various factors affecting the performance of the coating, we cannot assume responsibility for the product performance, nor do we accept any liability arising from use of this product, unless specifically agreed to in writing by us. Please note that these instructions become invalid when new version is released. We reserve the right to modify the information provided without prior notice.