KAPLAN ECO

PRODUCT DESCRIPTION

Type

A premium acrylic styrene emulsion paint with high hiding power and suitable for undercoat paint.

Features and benefits

No unpleasant smell- emulsion paint has no petroleum diluents and unpleasant smell due it

Hiding power- the high amount of pigment content increased the hiding power of Kaplan Eco.

UV Protected colours - Colours last longer than other exterior paints due to mineral pigments.

Reduces Temperature -light Paints almost reflects sunlight therefore reduce the surface temperature and cools your homes or buildings compare to bare concrete.

Anti Algae & Anti Fungal - Long lasting protection against fungus and algae in tropical climates.

Water Resistant - Resist water ensuring less stain marks.

Formulated without Harmful Chemicals - Free from harmful chemicals such as APEO, formaldehyde, heavy metals and has low volatile organic compound (VOC).

Recommended use

For undercoat paint in both interior and exterior applications.

Substrate On

concrete, masonry, plaster and brickwork.

PRODUCT DATA

Sheen grade	matt
Packaging size	packing in 4, 7, 14 and 25 kg plastic buckets
Colours	As per the colour available in Kaplan colour catalog.
Solids	62± 2 volume%
PVC	65±2 %

APPLICATION DATA

Remarks

Handle with care. Stir well before use.

Application methods

By brush, roller, airless spray or conventional spray.

Guiding data for airless spray

Nozzle tip	.021 - .027
Spray angle degrees	65° - 80°
Pressure at nozzle	2100 psi

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Recommended film thickness per coat

Dry film thickness : 55 - 88 microns (µm)

Wet film thickness : 100 - 160 microns (µm)

Film thickness will vary and is calculated as average.

Thinner

water

Dilution

The paint is ready to use after proper stirring. If thinning is required, water may be added up to a maximum of 10%. For conventional spray water may be added up to 20%

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with: Good ventilation (Outdoor exposure or free circulation of air) Typical film thickness One coat on top of inert substrate The given data must be considered as guidelines only. The actual drying time and time before recoating may be shorter

or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc.

1. Recommended data given is, for recoating with the same generic type of paint.

2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.

3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

Relative Humidity (RH) 50 % and Substrate temperature 25°

Surface (touch) dry	2h
Hard dry	12h
Dry to over coat	4h

Equipment cleaning

Clean equipment by soap and warm water

DIRECTIONS FOR USE

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

Primer

Kapamer or Kapamer+ Primer : 1 coat

Midcoat

Elastan or Kapisal midcoat : 1 coat

Topcoat

Kaplan pro : 3 coat

Storage

Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Storage in winter

Water-based paint can freeze at the same temperature that water freezes at (0 degrees centigrade). Freezing temperatures can do permanent damage to the emulsion in paint, causing the paint to become a strange consistency. Paint that has frozen and thawed may become ropey, stringy or clumpy. It may be the consistency of cottage cheese or gritty, like sandy water.

Date of issue: 2018

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