

Technical Data Sheet



COLORYX AN-3006 Interior wall paint

Product description

AN-3006 (Interior high-class emulsion paint) is a kind of environment-friendly, water-based interior emulsion paint, which can provide an excellent hide, more coverage finish with fresh odor.

Features and benefits

- High performance
- Strong hiding power
- Easy application
- Good leveling property

Recommended use

Strongly recommended for interiors of Hospitals, Hotels, Schools, Wash rooms, Kitchens, living rooms etc.

Substrate

Cement plaster, concrete, block work, rendered surfaces etc.

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

Product Data

Solvent Type	Water-based
Resin Type	Styrene Acrylic resin
Sheen	Matt (5.7 at 85°GH)
Color	White or Refer to color chart (on demand)
Viscosity	100~110KU
Maximum VOC content	2g/L
Specific Gravity	approximately 1.46kg/L
Solid Content (weight/volume)	54.5% / 34%
Scrubbing resistance	≥500 times.

Technical Data Sheet

COLORYX AN-3006 Interior wall paint



Application Data

The product can be applied by

Roller : Recommended.

Spray : Use airless spray or conventional spray.

Brush : Recommended to paint corners and edges.

Guiding data for airless spray

Nozzle tip	0.021" - 0.027"
Spray angle degrees	65°-80°
Pressure at nozzle	140 - 190 kg/cm ² (2100 psi)

Cleaning of painting tools

Water

Film thickness per coat

Typical recommended range

Dry film thickness	30 µm
Wet film thickness	70µm
Pressure at nozzle	140 - 190 kg/cm ² (2100 psi)

Film thickness will vary and is calculated as average.

Theoretical coverage 10-12 Sqm/kg/coat

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

Technical Data Sheet

COLORYX AN-3006 Interior wall paint



Thinner

Water

Dilution

5-10% (vary from application method)

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.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

Average dry time at 77°F/25°C To touch: 25 minutes

Recoat: 2 hours

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance 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

Coloryx W-1210 - anti-alkali primer: 1 coat (recommended)
Coloryx AN-3006 can be also use as a primer

Top Coat

AN-3006 top coat: 2 coats

Technical Data Sheet



COLORYX AN-3006 Interior wall paint

Remarks

Stir well after paint can is opened. Use a mixer mounted on drill for better results.

To prevent hardening of the paint, the can should be closed during the interval of application.

Thinned paint should not be poured back to the can.

Recoat interval should be prolonged in winter. To prevent the surface from erosion and the precipitation of alkaline component, wall surface drying time should be relatively longer.

Stop application when temperature is below 10°C, or humidity over 85%.

For best performance of the paint, please use Coloryx matching primer.

For information of manufacture date, lot No., net weight and expiring date, please refer to the product label.

Storage & Package

Shelf Life	12 months in sealed cans
Storage	Store it in a cool, dry and well-ventilated place. Temperature range: 0°C-35°C.
Packing size	5L/6.5kg 18L/22kg 200L/240kg Or Others

Contact us

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