



IONPAINT ECOSEAL 05i

Water Based Alkaline Resistance Wall Sealer

Updated June 2022

IONPAINT ECOSEAL 05i is a water-based alkaline resistance styrene acrylic sealer for exterior & interior application on plastered wall, concrete, brick, gypsum board & etc. It serves as a protective barrier for the finishing topcoat against alkaline effects & moisture from the substrate. It is a specially designed green product that has less of an environmental impact & less detrimental to human health. It is water resistant, fast drying, good hiding & easy-to-apply, having excellent adhesion property, making it ideal to be used in repainting works or fast-track projects where fast completion of works is of major concern.

Features & Benefits:

Alkaline Resistance to prevent the effect of alkali that causes discoloration on wall surface. **Good Hiding & Easy-To-Apply** that provides effortless application with smooth finish. **Excellent Adhesion** to ensure perfect binding between substrate surface & topcoat for lasting paint performance. **Fast Drying** that saves time & manpower where fast completion of works is of major concern. **APEO, Formaldehyde & Heavy Metal FREE** without causing toxic effects in humans or contaminating food chains. **Low VOC** helps preserve the environment.

Standard Packing : 5 litres & 18 litres

Technical Information:

- Binder : Styrene Acrylic
- Finish : Matt
- Color : White
- Thinner : Water
- Solid Content : 40% by volume
- Dry Film Thickness : 30 - 35 microns / coat
- Theoretical Coverage : 11 - 13 m² / litre / coat (actual coverage is dependent on substrate condition)
- No. of coats : 1 coat
- Touch Dry : 15 minutes (depends on temperature and humidity)
- Recoating Interval : 2 hours
- Shelf Life : Minimum 12 months if properly stored

Typical Painting System:

Substrate	Sealer / Primer (min 1 coat)	Topcoat (min 2 coats)
New Masonry	IONPAINT ECOSEAL 05i	IONPAINT NANOLITE
Previously Painted Masonry	IONPAINT ECOSEAL 05i	IONPAINT NANOLITE

Application Methods:

- Brush / Roller : Dilute up to 5% of water if necessary
- Conventional Air Spray : Dilute up to 20% of water if necessary
- Airless Spray : Dilute up to 5% of water if necessary
- Handling : Stir the paint thoroughly until completely mixed before painting
- Clean Up : Clean all paint equipment with clean water immediately after use



TECHNICAL DATA SHEET - IONPAINT ECOSEAL 05i

Surface Preparation:

Ensure the surface to be painted is clean, dry & free from dirt, oil, grease & other contaminants. Remove all loose or powdery residues by brushing or scraping with a stiff fibre brush under running water or by using high pressure water jet. Areas affected by mould, lichen, algae or fungus must be treated with **Micro Kill**. Repair defects with a suitable filler or putty. Avoid painting where surface is high in moisture content or during wet weather (recommended painting specification requires moisture content of the surface to be below 16% as measured by protimeter and alkalinity of the surface below pH9).

Storage:

Keep container tightly closed and in a secure upright position, store in a cool and shady place, do not expose directly to sunlight and extremes of temperature. Keep out of reach of children.

Safety, Health and Environment:

Ensure good ventilation during painting, do not breathe vapour or spray mist. Keep doors and windows open during application and drying. It is advisable to wear mask and eyes protector while applying. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accidental ingestion, DO NOT INDUCE VOMITING, seek immediate medical advice. To remove splashes of paint from skin by using water and soap or skin care product. Do not empty paint into drains or water courses, dispose of any paint waste in accordance with the appropriate Environmental Quality Regulations.

Materials Safety Data Sheet (MSDS) is available upon request.

Hazard Statement: This product is not classified as Hazardous under Malaysia's CLASS Regulations.

Limitation of Liability

Liability of MCI Paint Sdn Bhd on any claim of any kind, including claims based upon negligence of MCI Paint Sdn Bhd, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall MCI Paint Sdn Bhd be liable for consequential or incidental damages.

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