

BAOMA COLORFLOR

Water Based Multi-Purpose Floor Coating



BAOMA ColorFlor is a water based high performance concrete floor coating that features exceptional hardness yet sufficiently flexible to withstand the effects of impact and abrasion on the coating surface. It is a specially designed green product that has less of an environmental impact & less detrimental to human health. It is non-skid, highly durable, fast drying, weather & water resistant, having excellent adhesion property, making it suitable for outdoor and indoor protection of concrete floor surfaces such as sports court, children playground, parking lot, bicycle lane, warehouse & etc.

Features & Benefits:

Exceptional Hardness yet Sufficiently Flexible to withstand the effects of impact and abrasion on the coating surface. **Excellent Adhesion** to ensure perfect binding with substrate surface for lasting paint performance. **Weather Resistance** provides outdoor durability against harsh weather. **Water Resistance** prevents moisture absorption for prolonged substrate usage life. **APEO, Formaldehyde & Heavy Metal FREE** without causing toxic effects in humans or contaminating food chains. **Low VOC** that helps preserve the environment.

Standard Packing : 1 litre, 5 litres & 18 litres

Technical Information

Binder : Pure Acrylic
 Finish : Low Sheen
 Color : Assorted colors, refer Color Infinity color card
 Thinner : Water
 Solid Content : 40% (by weight); 30% (by volume)
 Dry Film Thickness : 35 - 40 microns / coat
 Theoretical Coverage : 8 - 9 m² / litre / coat (actual coverage may vary from 20 – 50% due to loss factors such as surface profile, application method, dry film thickness, surrounding condition & etc)
 No. of coats : Minimum 2 coats (depends on color)
 Touch Dry : 30 minutes (depends on temperature and humidity)
 Recoating Interval : 2 hours
 Curing Time : Minimum 5 days
 Shelf Life : Minimum 12 months if properly stored

Typical Painting System

Substrate	Sealer / Primer (1 coat)	Topcoat (2 coats)
Concrete Floor Surface (For Optimum Performance)	BENzi Excelbond or BENZIPOX Excel-Damp Primer or BAOMA ColorFlor Hi-Bond Primer 2500 or BAOMA Excila 1900	BAOMA ColorFlor
Concrete Floor Surface	*BAOMA ColorFlor	BAOMA ColorFlor

*Recommended to dilute the primer (B. ColorFlor) with 15% Water as to provide better penetration & adhesion to concrete surface

Application Methods

Brush / Roller : 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

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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 **MCI 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 is below 16% (tested with Protimeter) & alkalinity below pH9. For optimum performance, priming of 1 coat **BENZI Excelbond** or **BENZIPOX Excel-Damp** or **BAOMA ColorFlor Hi-Bond Primer 2500** or **BAOMA Excila 1900** is highly recommended before over-coating with 2 coats **BAOMA ColorFlor**.

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.

Disclaimer

The above information is given to the best of our knowledge based on laboratory tests and practical experiences. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to change the given information without prior notice due to production refinements arising from continuing research and development, which may result in changes in the paint properties.



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