

BAOMA SHIELD FLEXICOOOL
Elastomeric Heat Reflective Exterior Wall Finish



BAOMA Shield Flexicool is an ultra-premium quality water-based elastomeric acrylic paint formulated with superior light-fastness pigments that gives optimum outdoor durability against harsh tropical climate. Its innovative Flexicool technology enables the paint-film, not only to elongate up to 3x as to cover hairline cracks & provides waterproofing protection, but also reduces exterior surface temperature by up to 5°C, results in energy saving to cool your home. It has excellent resistance to algae and fungus growth and withstands alkali on plastered wall, having superior dirt resistance & excellent UV protection, making it the ultimate choice for long term decoration and protection of exterior plastered wall, concrete, brick, gypsum board etc.

Features & Benefits:

Flexicool Technology that flexible to cover hairline cracks & reduces exterior surface temperature. **2x UV Protection** for longer lasting colors that keeps your home looking fresh and vibrant. **2x Dirt Resistance** with advanced binder technology resists dirt pick-up from the environment and easily washed away by rain. **2x Algae Protection** (Encapsulated Tech) to ensure long lasting protection against algae and fungus in tropical climate. **10 Years Performance** lasting better than others in its class. **APEO, Formaldehyde & Heavy Metal FREE** without causing toxic effects in humans or contaminating food chains. **Low VOC** that helps preserves the environment.

Standard Packing : 1 litre, 5 litres & 18 litres

Technical Information

Binder : 100% Pure Acrylic
 Finish : Mid Sheen
 Color : Assorted colors, refer Color Infinity color card
 Thinner : Water
 Volume Solid : 35% by volume
 Dry Film Thickness : 30 - 35 microns / coat
 Theoretical Coverage : 10 - 12 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
 Shelf Life : Minimum 12 months if properly stored

Typical Painting System

Substrate	Sealer / Primer (1 coat)	Topcoat (2 coats)
New Masonry	BAOMA Freshcon Primer 1500, Chameleon Primer 2000, Excila 1900	BAOMA Shield Flexicool
Previously Painted Masonry	BAOMA Chameleon Primer 2000, Excila 1900, Excila 1000	BAOMA Shield Flexicool

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

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Surface Preparation

Ensure the surface to be painted is clean, dry and free from dirt, oil, grease and 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. Apply **BAOMA Chameleon Primer 2000 / Freshcon Primer 1500 / Excila 1900 / Excila 1000** where high alkalinity is present. For optimum 10 years performance, priming of 1 coat **BAOMA Freshcon Primer 1500** is compulsory before over-coating with 2 coats **BAOMA Shield Flexicool**. Avoid painting where surface is high in moisture content or during wet weather (recommended painting specification requires moisture content of the wall to be below 16% as measured by protimeter and alkalinity of the wall 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.

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.



MCI PAINT SDN BHD (849155-P)

Lot 5189, Kawasan Perindustrian Balakong Jaya, 43300 Balakong, Selangor.

Tel: +603 8962 2788 Fax: +603 8962 2798 Website: www.mcipaint.com.my