

WEATHERBOND HI-GLOSS (formerly known as Weatherbond Flex)

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Weatherbond Hi-Gloss is a top-tier, pure acrylic exterior wall paint that delivers brilliant gloss, long-lasting weather durability, and elegant colour brilliance. Powered by Quartz Technology, it forms a harder, more protective film that resists UV, rain, dirt, and biological growth—making it one of the most advanced gloss exterior coatings available.

While most exterior paints settle for matt or low-sheen finishes, Weatherbond Hi-Gloss sets a new standard in gloss performance. It offers visible watermark protection, tropical durability, and certified resistance against colour fading and dirt pick-up. Its high-gloss finish not only enhances curb appeal but also extends repaint cycles—ideal for homeowners seeking lasting beauty and proven protection.

Product Features:

- **Brilliant Gloss Finish**
Provides a vibrant, high-gloss look that enhances surface smoothness and long-term colour richness.
- **Quartz Reinforced Toughness**
Formulated with Quartz Technology for a more durable film that resists flaking, chalking, and cracking.
- **Tropical Weather Durability**
Withstands Malaysia's intense sun, humidity, and rain—offering reliable surface protection throughout the year.
- **UV & Colour Retention with Colour Care Technology**
Tested to ASTM G154 & G155, ensuring exceptional resistance against fading and surface degradation over time.
- **Watermark & Rain Protection with Keep Clean Technology**
Creates a water-repellent barrier that reduces visible watermark streaking, especially during heavy downpours.
- **Superior Dirt Resistance – ASTM D3719 Certified**
Passed ASTM D3719 testing—resists dust and pollutants, helping walls stay clean for longer periods.
- **Anti-Algae & Anti-Fungus with Microblock Technology**
Enhanced biocidal action prevents green and black stains in shaded or damp areas.
- **High Coverage & Film Build**
Covers 10–12 m²/L with a high solid content (~39%) for better protection and longer-lasting beauty.
- **Green Certifications**
Awarded the Singapore Green Label for environmental safety and low-VOC performance.

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water-based	Exterior	Gloss	Masonry, brick, plastering substrate and fibreboard	1 Litre, 5 Litres, 15 Litres, 20 Litres

Composition

Pigment	: Mainly Titanium Dioxide, functional extender, inorganic metal oxide and high-performance organic pigment
Binder	: Pure Acrylic Emulsion

Thinner	: Water
Technical Data	
Drying Time	: Touch Dry : 30 minutes (Dependent on temperature and humidity) : Hard Dry : 1 hour (Dependent on temperature and humidity)
Recoating Time	: 2-3 hours (Dependent on temperature and humidity)
Dry Film Thickness	: Around 30 µm per coat
No. of Coats	: 2 coats minimum
Theoretical Coverage	: 10 – 12 m ² per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 39%
Shelf Life	: Up to 36 months in a tightly sealed container
Application Method	
Brush / Roller	: Dilute the paint with not more than 5% of water. Preferably not dilute for best performance.
Recommended Coating System	
Sealer / Primer	: 8100 Weatherbond Sealer / 5100 Wall Sealer / 8000 Expresskote : 1 Coat Sealer / Acrylic 5170 Wall Sealer / Hi-Bond Wall Sealer (on powdery or skim-coated surface)
Top Coat	: Weatherbond Hi-Gloss : 2 Coats
Surface Preparation	
Remove all loose, defective paint or powdery residues, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven surfaces with Nippon CrackREPAIR 1000 Compound or suitable exterior grade fillers. Smoothen the filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH9.) Spot prime with Nippon Paint Exterior Wall Sealer.	
Cleaning	
Clean up equipment with water immediately after use.	
Certificates	
Complies to Singapore Green Label Certified by: <i>Singapore Environment Council (SEC)</i>	
Tests	
<ol style="list-style-type: none"> 1. ASTM D3719 on Dirt Pick-Up Resistance by Natural Weathering, tested in-house 2. ASTM G154 on QUV-A Colour Retention Resistance, tested in-house 3. ASTM G155 on Xenon Arc Accelerated Weathering, tested in-house 4. ASTM D2486 on Wet Scrub Resistance, tested in-house 5. SGLS Category 032 on Singapore Green Label 	
Safety Precautions	

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.

Note

* Theoretical Coverage is based on a mathematical formula

$$\left[\frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$$

and does not consider LOSS FACTORS.

Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

Disclaimer

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Users are encouraged to consult Nippon Paint for specific guidance on the suitability of this product for their intended use and application method.

In case of discrepancies between language versions, the English (United Kingdom) version shall prevail.