

**FIBERCOTE**
*Updated July'25*


Nippon Fibercote is a water-based acrylic paint developed to deliver the authentic warmth of timber on fibre cement and composite surfaces. Unlike conventional opaque wood paints, Fibercote enhances the substrate with a natural woodgrain appearance while delivering lasting surface protection.

**Product Features:**

- **Strong Surface Bonding**  
Ensures excellent adhesion to fibre cement boards, preventing peeling or detachment often seen with standard wood paints
- **Natural Wood Aesthetic**  
Recreates the visual appeal of real wood grain on fibre cement surfaces, offering a richer and more realistic finish compared to opaque coatings
- **Excellent Fungus & Algae Resistance**  
Resists fungus and algae formation, maintaining a cleaner and more attractive surface in humid and shaded conditions
- **Superior Scrub Durability**  
Withstands repeated washing and abrasion, providing a longer-lasting and low-maintenance finish for both interior and exterior use

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water based	Exterior & Interior	Satin	Fiber cement and composite board	1 Litre, 5 Litres

**Composition**

Pigment	: Mainly Iron Oxide, Carbon Black, 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 20 - 30 µm per coat (based on substrate condition)
No. of Coats	: 2 - 3 coats
Theoretical Coverage	: 10 – 12 m <sup>2</sup> per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 21%
Shelf Life	: Up to 36 months in tight sealed container

**Application Method**

Brush / Roller	: 1 <sup>st</sup> coat – dilute 20% - 25% of water 2 <sup>nd</sup> and 3 <sup>th</sup> coat – dilute max 5% of water
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**Recommended Coating System**
**Fiber cement and composite board**

Basecoat	: Timbershade (light grey / light beige when necessary)	: 1 Coat
Top Coat	: Fibercote	: 2 – 3 Coats

**Exterior decking (To enhance paint film durability)**

Basecoat	: Timbershade (light grey / light beige when necessary)	: 1 Coat
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Top Coat	: Fibercote	: 2 – 3 Coats
	: PU Recoatable Clear Coat	: 1 Coat

**Swimming pool decking (To enhance paint film durability and anti-slip properties)**

Basecoat	: Timbershade (light grey / light beige when necessary)	: 1 Coat
Top Coat	: Fibercote	: 2 – 3 Coats
	: PU Recoatable Clear Coat with FLR CTG NON-SKID SILICA	: 1 Coat

**Surface Preparation**

Remove all loose, powdery residues, loose chalk, dust and foreign matter by wire brushing or scraping. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven surfaces with suitable putty / fillers. We recommend to dilute the putty / filler with 15 to 25% of finish paint. This is to ensure that patching mark is less visible after apply the translucent finish coat. Smoothen the putty / filler areas with sandpaper. Allow all surfaces to dry completely prior to painting. Timber Shade Light Grey and Light Beige are recommended to paint as a basecoat for certain colour. It helps to embellish substrate appearance, especially area repaired with putty. Furthermore, it allows Fibercote to create a close natural wood grain finishing.

**Cleaning**

Clean up equipment with water immediately after use.

**Tests**

1. **ASTM G154\*** on QUV-A on Colour Retention Resistance, tested in-house
2. **ASTM D 3359** on Standard Test Methods for Measuring Adhesion by Tape Test, tested in-house
3. **ASTM D 3363** on Standard Test Methods for Film Hardness by Pencil Test, tested in-house

**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**

The information contained in this document is provided to the best of Nippon Paint's knowledge, based on laboratory testing and practical experience. As our products are considered semi-finished goods, their performance may be influenced by conditions beyond Nippon Paint's control. As such, we can only guarantee the quality of the product itself. Minor variations may be introduced to comply with local regulations. Nippon Paint reserves the right to modify the information in this document without prior notice.

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.