

PANTONE WOOD&METAL PAINT

PREMIUM PAINT INSPIRED BY PANTONE

※ This product can be used inside multi-use facilities and 100-500 unit apartment houses under The Indoor Air Quality Control Act.

This product is an exclusive paint for the interior and exterior of steel and wood, which is synthesized based on urethane and natural oil. It is a water-based urethane alkyd paint with excellent adhesion to steel and aluminum substrate and excellent penetration into wood substrate. In particular, it has a strong coating film with flexibility as well as excellent water resistance, so it can maintain its physical properties for a long period of time even under the external exposure environment.

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| Usage | Children's playground steel parts and exterior wood Wood and steel parts requiring water resistance and scratch resistance where water-based paints are required |
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Specification

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| Paint type | Urethane alkyd emulsion interior & exterior / Top coat | | | |
| Drying time | Category | 5°C | 20°C | 30°C |
| | Dry-hard | 6 hours | 3 hours | 2 hours |
| | Time required for re-coating (min.) | 8 hours | 4 hours | 3 hours |
| Thinner | No dilution (tap water if necessary)(dilution rate: up to 10%, volume ratio) | Coating Method | Brush, roller, spray coating. | |
| Specific gravity | Approx. 1.26(Based on white color) | Solid volume ratio | Approx. 38.4 % (Based on white color) | |
| Theoretical Coverage | 12.9 m ² /l/1time | Thickness of dried film | 30μm (1 coat recommended) | |
| Re-coating interval | 20°C, sufficient ventilation for a minimum of 4 hours | Color | White, other colors | |
| Gloss | Semi-gloss | Package | 1L, 4L | |
| Storage and preservation | 12 months (well-ventilated dry, cold and dark location, room temperature 5°C~30°C, humidity less than 80%) | | | |

Product Properties (Physical Property Data)

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| Various purposes | Wood and steel top material |
| Excellent film property | Durability including adhesion, water resistance, washability resistance, and flexibility is excellent, and a film with water repellency is formed. |
| Excellent eco-friendly properties | Bio-paint certified as a plant-derived biomass-based biodegradable material and holds an eco-friendly mark |
| Certification | Obtained 'USDA Certified Biobased' (hereinafter referred to as USDA) certification from the U.S. Department of Agriculture |

How to Use

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| Surface treatment | <ol style="list-style-type: none">1. If there are dust, oil, scribbles in crayons, colored pencils, etc. and dirty finger marks, they should be removed with a neutral detergent diluent and a soft cloth, and the surface should be wiped.2. Areas infested with mold should be cleaned with a damp cloth after removing the mold using bleach or a mold cleaner. The paint should be applied after completely drying the surface.3. If any of the old film remains, apply the paint after sanding the old film with sanding paper and clean the area for enhancement of adhesion. |
| Coating Method | <ol style="list-style-type: none">1. Primer<ol style="list-style-type: none">① This product can be applied directly on steel or aluminum substrates that have been properly treated. However, if an anti-corrosive function is desired, oil-based alkyd and epoxy anti-corrosive primer coating is required.② For wood, apply water-based sub-fascia only if a water-based grain filling is required.2. Top coat<ol style="list-style-type: none">① After checking the re-coating time according to the undercoating, apply 1-2 coats with a brush, roller or spray.② For brush and roller coating, an undiluted paint is recommended, but it can be diluted to less than 10% with water, if necessary.③ When applying 2 coats, the re-coating interval is at least 4 hours after the first top coating at 20°C. |