

Nano Wood Paints

DESCRIPTION: Nanotechnology based Nano Wood paints of finest quality, durable, water repellent, UV resistant, fungus/ algae/ bacteria resistant, termite free, scratch resistant, anti-corrosive sealer, primer & finish for a wide variety of exterior and interior surfaces.

BENEFITS: Outstanding adhesion - gets embedded in the surface (not a film like), high resistance to weathering (UV, Fungus, water etc.) and blistering, low VOC, high coverage area with a desirable ease of application. Additional features termite-free, fire resistant and anti-sticking. Robust performance due to inorganic structurally defect-free nano-particles, incorporated in the paint matrix.

FINISH/USAGE: Interior / Exterior

TYPE: Nano Wood Paint

COLORS AVAILABLE: Color of base is white. The base material may be tinted with universal colorants to 15 different colors.

PRACTICAL COVERAGE: 100 square feet per kg, depending on the porosity of the substrate.

LIMITATIONS: Not recommended for plaster surfaces.

SURFACES: Interior wood finish, floors and furniture. Wood exterior, garden furniture etc.

SURFACE PREPARATION: Surface must be clean, dry, and free of wax, grease, oil, loose or peeling paint, and other foreign material. Repair cracks and other holes with I-CanNano wood nano sealer for best results. Spot prime all patch work with I-CanNano nano wood primer.

NEW WORK: For maximum durability for exterior application, use wood sealer and prime new wood surfaces, with I-CanNano Primer and for interior application use I-CanNano nano wood sealer & prime. On new wood, use one coat nano primer on nano wood sealer & 1 coat finish.

REFINISH WORK: Follow conditions listed above. Previously painted, glossy surfaces should be lightly sanded. Fill cracks with I-CanNano nano wood sealer for best result. Spot prime all patched areas with nano wood primer. Allow all primers to dry thoroughly before applying finish coats.

SURFACE TEMPERATURE: For best results, ambient temperature would be preferred. Avoid frost, fog, or damp conditions.

APPLICATION: Stir well before using. Use spray or brush for application.

THINNING: Formulated for use at package consistency. Thinning is required for brush/spray application. Use only thinner for thinning.

DRYING TIME: Surface dries naturally dust free in 2 hours. Recoat after 1 day. Drying time is variable depending on temperature and humidity. Hard dry in 3 days.

Innovation Center for Applied Nanotechnology - I-CanNano™

India: 22A Hemchandra Mukherjee Road, Barisha, Kolkata -700 008. Ph.: +91 33 64520110; e-mail: info@ican-nano.com

UK: ICAN Paint Europe (Nano) Limited, Finsgate 5-7 Cranwood Street, London EC1V 9EE. Ph.+44 (0) 20 7251 3761, Fax:+44(0) 20 7566 0023; e-mail: icanpainteurope@ican-nano.com

URL www.ican-nano.com

DATA SHEET

Product	PU based wood primer	PU based wood finish
Product Code		
Type	PU based air drying one pack system	PU based air drying one pack system
Mixing Ratio		
Viscosity	35" @23°C	70" @23°C
Sp. Gravity	1.18	0.80
% of solid contain by volume	69%	25%
Pot life	1 year	1 year
Hot pot stability	Pass IS	Pass IS
Flash point	Pass IS	Pass IS
Method of application	Brush	Brush
Application temperature	10-50°C	10-50°C
Application Viscosity		
a) Brush		
b) Spray	25"@30°C	40"@30°C
Dry film thickness		
a) Brush	30μ	20μ
b) Spray		
Coverage		
a) Brush	100 sq ft/lt	100 sq ft/lt
b) Spray		
Drying Time		
• Surface Dry	2 hrs	2 hrs
• Tack Dry	1 day	1 day
• Hard Dry	3 days	3 days
Minimum recoat time	1 day	1 day
UV Stability	400+ hrs	
Gloss	Matte	Glossy
Scratch Resistance	2 kg+	2 kg+

CLEAN UP: Clean application equipment with thinner.

STORAGE: Store in cool & dry place.

PACKING: 0.5/1/5/10 kg

The information on this leaflet is based on the current status of technical development as well as our experience with the product. However, given the variety of surfaces and ambient conditions, the information provided on this data sheet shall in no way diminish the responsibility of the user to ensure with due care, that our product is suited for the intended purpose, surface and application conditions. Since application and processing lie outside our purview, no manufacturer liability shall be derived from the information provided herein. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose. Our General Terms and Conditions of business shall apply in all cases. All information is subject to change without notice.

Innovation Center for Applied Nanotechnology - I-CanNano™

India: 22A Hemchandra Mukheerjee Road, Barisha, Kolkata -700 008. Ph.: +91 33 64520110; e-mail: info@ican-nano.com

UK: ICAN Paint Europe (Nano) Limited, Finsgate 5-7 Cranwood Street, London EC1V 9EE. Ph.+44 (0) 20 7251 3761, Fax:+44(0) 20 7566 0023; e-mail: icanpainteurope@ican-nano.com

URL www.ican-nano.com