



TECHNICAL DATA SHEET

DEC 101

WoodPlus Coatings Group Ltd.
13 Holland Drive, Unit 10B
Bolton, Ontario, Canada L7E 1G4
Bus.: (905) 857-2227
Toll free: 1-844-373-9663



DESCRIPTION

WoodPlus™ **DEC 101™** is an innovative architectural coating for wood made of acrylic and natural oil. This low film-forming penetrating formula is designed primarily for use on decks, fences, sheds, wood siding and other exterior wood surfaces.

PRODUCT BENEFITS

Extremely low VOC (<20 g/L), solvent-free; low film finish, easy to apply; self-priming; designed for high performance in any climate; optimal UV protection; water repellent; breathable film, excellent penetration, adhesion and physical wear characteristics; excellent colour retention; easy maintenance; mold & mildew resistant; provides for full wood grain visibility.

RECOMMENDED USES

Decks, garden furniture, sheds, gazebos, wood siding and any other horizontal or vertical wood surfaces for your outdoor wood projects. **Types of wood:** Pine, Spruce, Cedar, or any other softwood or hard wood species. Also ideal on Pressure Treated Wood.

AVAILABLE COLOURS: Bases: Clear satin 000 and Natural 100 – Can be tinted with universal colorants

PRODUCT CHARACTERISTICS

- Easy to apply
- Low film forming
- Designed for high performance in any climate
- Outstanding UV protection
- Self priming
- Excellent water repellency
- Excellent physical wear characteristics
- Excellent colour retention
- Easy maintenance – soap and water cleanup
- Excellent penetration properties
- Mold & Mildew resistant

TECHNICAL DATA

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|------------------------|--------------------|-----------------------|-----------------|
| • Colour: | Coloured liquid | • Flashpoint: | Non Combustible |
| • Odour: | Slight natural oil | • VOC content: | Zero |
| • Flammability: | Non Flammable | • Gloss level: | 20 G.U. |
| • Solids: | 10+/- 1% by weight | • Viscosity: | 350 cpu |
| • Weight/gal: | 10.48 lb/gal | | |

SURFACE PREPARATION INSTRUCTIONS

- Wood must be clean and dry.
- Existing coating must be removed by sanding back to bare wood using 60-80 grit sandpaper.
- Remove all dirt dust, wax, grease, mildew and mill glaze.
- All wood should be dry and free of moisture (less than 19% moisture content).
- New smooth wood must be sanded with 60-80 grit sandpaper to remove mill glaze.
- Remove all sanding dust with the [WoodPlus Wood & Concrete Cleaner](#) or other non-chemical cleaner (TSP, Acetone) prior to application.



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APPLICATION INSTRUCTIONS

- Product is ready to use. Do not thin.
- Stir thoroughly before and during use.
- Apply 1 or 2 coats (3-4 hrs between coats)
- DO NOT apply in direct sunlight or on a surface that is hot to the touch.
- Temperature must be above 10°C and not more than 30°C.
- Apply in the direction of the grain completing a full board at a time.
- Maintain a wet edge and saturate all end cuts.
- DO NOT apply in wet weather or when inclement weather is imminent.
- DO NOT apply when rain is expected within 24 hours.

COVERAGE

Type of wood surface	First coat	Second Coat
Smooth surface	400-500 ft ² /gal (40-50m ² /3.78L)	500-600 ft ² /gal (50-60m ² /3.78L)
Rough/textured surface	250-300 ft ² /gal (25-30m ² /3.78L)	350-400 ft ² /gal (35-40m ² /3.78L)

Note: The above coverage is approximate and may vary due to surface porosity of the substrate.

DRY TIME

To the touch: 3-4 hours. Recoat: 4 hours. Light foot traffic: 24 hours. Full curing: minimum 7 days.

Note: Dry time will vary according to temperature, humidity levels and exposure to sunlight. Areas with high air flow will dry quicker than those with low or no air flow.

MAINTENANCE

- Keep the deck surface clean by periodic washing with water and a soft brush to remove dirt and airborne pollutants. Re-apply yearly or as needed.
- **DO NOT** use chemical strippers or cleaners. Before applying a maintenance coat, clean surface with [WoodPlus Wood & Concrete Cleaner](#) or TSP). Rinse thoroughly and allow 24 hours for surface to dry.
- Inspect surfaces on a regular basis to identify and repair damaged areas (wood cracks, splits, loose or rotten boards, etc.) in order to prevent further deterioration.
- The level of sun exposure, the traffic intensity and the quality of ventilation of the structures drive the maintenance frequency. Wear and colour fading of the wood are natural ageing characteristics between maintenance coats.
- Siding surfaces facing South and West may require a maintenance coat after 2 years due to stronger UV radiation exposure. Siding surfaces facing East and North should be cleaned more frequently to eliminate the accumulation of possible mildew and other airborne pollutants. Apply maintenance coat as needed.
- High and continuous moisture content, insufficient ventilation of wood or intensive traffic (decks) prematurely reduces the product durability or can cause peeling.
- **DO NOT** use snow blowers, metal shovels or pressure washers on deck surfaces as these will damage the coating.
- **DO NOT** spread salt on deck surfaces to remove ice as this may also damage the coating.

CLEANUP: Soap and water.

AVAILABLE CONTAINER SIZES

1 gallon (3.78L), 5 gallons (18.79L)

*Drums (200L) and Totes (1000L) industrial only.

WARRANTY

This product will give full satisfaction if applied according to the manufacturer's instructions. Manufacturer's liability is limited to the replacement of the product and does not include manpower if found defective upon inspection.