

# ECO UV TOP



ECO UV TOP paint is a top coat UV-curable paint for wooden floors that consists of urethane acrylate oligomer, reactive monomer, photoinitiator, and additives. It features superior adhesiveness, scratch resistance, wear resistance, and contamination resistance. It especially features outstanding exterior finish with superior physico-chemical properties.

Usage	UV-curable paint for plywood floors top coat
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## Specification

Paint type	UV-curable paint top coat		
Product features	1. Outstanding exterior look and gloss stability 2. Outstanding roll workability and transparency		
Exterior	Semi-transparent	Color	Transparent
Viscosity	65 - 80 KU (25 °C)	Specific gravity	1.12 ± 0.05 (25 °C)
Solid content	Over 99 %	Coverage	8 - 10 g/m <sup>2</sup>
UV-curing conditions	500mJ/cm <sup>2</sup> or above	Shelf life	6 months

## How to Use

Surface treatment	Substrate grinding Perform grinding using a sander and the sand paper with 120 - 220 eyelets and remove the dust with a brush.
Coating Method	1) Roll sufficient amount of water-soluble isolator onto DRC (direct roll coater) (application amount 8 - 10 g/m <sup>2</sup> ) 2) Dry with hot air for 30 - 40 seconds at 60 - 80 °C and dry with a 120 - 150 mJ/cm <sup>2</sup> UV irradiator. 3) Roll sufficient amount of UV W/S for Wooden Floor onto RRC (reverse roll coater) and adjust the application amount (30 - 40 g/m <sup>2</sup> ). 4) Adjust paint viscosity using a thermostat. 5) Use 1 - 2 UV lamps to pre-dry the paint (120 - 150 mJ/cm <sup>2</sup> ). 6) Roll sufficient amount of UV S/S for Wooden Floor onto DRC (direct roll coater) and adjust the application amount (15 - 20 g/m <sup>2</sup> ). 7) Use 1 - 2 UV lamps to pre-dry the paint (120 - 150 mJ/cm <sup>2</sup> ). 8) Adjust paint viscosity using a thermostat. 9) Roll sufficient amount of UV S/S for Wooden Floor onto CRC (combination roll coater) and adjust the application amount (25 - 35 g/m <sup>2</sup> ). 10) Use 4 - 5 UV lamps to dry the paint completely (At least 450 mJ/cm <sup>2</sup> ). 11) Adjust paint viscosity using a thermostat. 12) Use a sander and the sand paper with 320 - 400 eyelets to perform grinding. 13) Roll sufficient amount of UV TOP for Wooden Floor onto DRC (direct roll coater) and adjust the application amount (8 - 10g/m <sup>2</sup> ). 14) Use 1 - 2 UV lamps to pre-dry the paint (120 - 150 mJ/cm <sup>2</sup> ). 15) Roll sufficient amount of UV TOP for Wooden Floor onto DRC (direct roll coater) and adjust the application amount (8 - 10g/m <sup>2</sup> ). 16) Use 5 - 6 UV lamps to dry the paint completely (At least 500mJ/cm <sup>2</sup> ).

► This data sheet is based on the test results and knowledge that NOROO produced or possesses, and may change without notice for quality improvement.