

# ECO UV WOOD SEALER



**ECO UV WOOD SEALER is a UV-curable primer paint that consists of light-curing oligomer, photoinitiator, reactive acrylic monomer, extender pigment, and additives. This UV-curable primer paint for wooden floors features superior substrate adhesion, foaming, transparency and grain filling as well as outstanding physico-chemical film properties.**

Usage	UV-curable primer for plywood floors
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## Specification

Paint type	UV-curable paint		
Product features	1. Outstanding grain-filling 2. Outstanding roll workability and transparency		
Exterior	Semi-transparent liquid	Color	Transparent
Viscosity	110 - 140 KU (25 - 40 °C)	Specific gravity	1.34 ± 0.05 (25 °C)
Solid content	Over 99 %	Coverage	30 - 40 g/m <sup>2</sup>
UV-curing conditions	120 - 150 mJ/cm <sup>2</sup>	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.