

ECO UV WOOD SEALER-HIGH HARDNESS



ECO UV WOOD SEALER-HIGH HARDNESS is a UV-curable primer paint for wooden floors that consists of light-curing epoxy acrylate 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

Specification

Paint type	UV-curable paint		
Product features	1. Outstanding grain-filling 2. Outstanding roll workability, hardness and transparency		
Exterior	Semi-transparent liquid	Color	Transparent
Viscosity	110 - 140 KU (25 - 40 °C)	Specific gravity	1.34 ± 0.05
Solid content	Over 99 %	Coverage	30 - 40 g/m ²
UV-curing conditions	120 - 150 mJ/cm ²	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 ²) 2) Dry with hot air for 30 - 40 seconds at 60 - 80 °C and dry with a 120 - 150 mJ/cm ² UV irradiator. 3) Roll sufficient amount of UV W/S-High Rigidity for Wooden Floor onto RRC (reverse roll coater) and adjust the application amount (30 - 40 g/m ²). 4) Adjust paint viscosity using a thermostat. 5) Use 1 - 2 UV lamps to pre-dry the paint (120 - 150 mJ/cm ²). 6) Roll sufficient amount of UV S/S-High Rigidity for Wooden Floor onto DRC (direct roll coater) and adjust the application amount (15 - 20 g/m ²). 7) Use 1 - 2 UV lamps to pre-dry the paint (120 - 150 mJ/cm ²). 8) Adjust paint viscosity using a thermostat. 9) Roll sufficient amount of UV S/S-High Rigidity for Wooden Floor onto CRC (combination roll coater) and adjust the application amount (25 - 35 g/m ²). 10) Use 4 - 5 UV lamps to dry the paint completely (At least 450 mJ/cm ²). 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 (NANO CERAMIC) for Wooden Floor onto DRC (direct roll coater) and adjust the application amount (8 - 10 g/m ²). 14) Use 1 - 2 UV lamps to pre-dry the paint (120 - 150 mJ/cm ²). 15) Roll sufficient amount of UV TOP (NANO CERAMIC) for Wooden Floor onto DRC (direct roll coater) and adjust the application amount (8 - 10 g/m ²). 16) Use 5 - 6 UV lamps to dry the paint completely (At least 600mJ/cm ²).

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