

# Turboset® Ultra Pro

Self-Crosslinking Waterborne Polyurethane Dispersion

PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

**Turboset Ultra Pro** is a self-crosslinking waterborne polyurethane dispersion designed to perform on sports, recreation and high traffic wood floors without the use of crosslinkers. Finishes made from **Turboset Ultra Pro** can be formulated to have properties comparable to 2K waterborne urethane finishes such as black heel mark and scuff resistance in a one 1K finish.

**Turboset Ultra Pro** is based on a state of the art, self-crosslinking mechanism that cures as the wet film dries. **Turboset Ultra Pro's** ability to perform in demanding floor applications without adding crosslinkers simplifies and lowers the risks of application associated with 2K systems, while also reducing waste.

## FEATURES/BENEFITS

- Excellent black heel mark resistance –suitable for sports and recreation floor applications
- Resin and formulations have excellent “hot box” stability
- No crosslinkers required for performance – lower health risks to applicator and less waste
- Can be formulated < 275 g/L – dried film appearance comparable to high VOC finishes
- Can be formulated to meet MFMA requirements for chemical resistance
- Suitable for high gloss formulations – meets gloss requirement of > 85 gloss units at 60° for sports floors
- Can be formulated to meet slip requirements for wood sports floors – COF compliant finishes of 0.5 – 0.7

## PHYSICAL CHARACTERISTICS\*

Appearance	Light Milky Dispersion
Solids by weight (%)	35.0 – 38.0
MFFT, °C	<5°C
Density, pounds/gallon	8.83
Brookfield viscosity, cps (RV #1 @ 20 RPM)	250 max
pH	7.5 – 9.0
Tensile Strength, psi	4160
100% Modulus, psi	4020
Elongation (%)	110
VOC, weight (%)	6.79

\*Property values represent typical results only and are not to be considered specifications.

## TYPICAL APPLICATIONS

- Sports and commercial wood floors  
Other wood applications requiring tough, chemical resistant finishes

## SHELF LIFE/STORAGE

Lubrizol recommends retesting the quality 1 year after the date of manufacture. Store unopened containers indoors at temperatures between 45° & 95° F.

## REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizolcoatings.com](http://www.lubrizolcoatings.com).

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The Lubrizol logo consists of the word "Lubrizol" in a bold, sans-serif font, with a blue swoosh underline that starts under the 'L' and ends under the 'l'.

[www.lubrizolcoatings.com](http://www.lubrizolcoatings.com)