



Lubrizol

WOOD COATINGS

TURBOSET™ 2027

NMP/NEP-FREE, SELF-CROSSLINKING POLYURETHANE COMPOSITE DISPERSION

Like its predecessor (TurboSet™ 2025), TurboSet™ 2027 waterborne polyurethane composite dispersion boosts the performance of interior wood floor and furniture coatings without the need for additional crosslinkers. Plus, TurboSet™ 2027 features 40% solids by weight for greater latitude in developing formulations. What sets TurboSet™ 2027 apart is its unique chemistry in an NMP- and NEP-free form.

Lasting performance

In performance tests, TurboSet™ 2027 earned high marks for durability. Test results for black heel mark protection and resistance to wear were all very good, and chemical resistance was excellent. Gloss retention was comparable to high-VOC dispersions containing NMP. Crosslinking with a polyisocyanate resulted in further enhancement of performance (black heel mark, chemical and scratch resistance).

Designed to comply

For coatings destined for the global market, or for any product where health and/or environmental issues are a concern, TurboSet™ 2027 is the solution. Formulators will have maximum flexibility in the co-solvents while meeting the broad range of VOC targets in various markets.

A world of formulating options

TurboSet™ 2027 is a high-solids polymer, at 40% by weight. It can be paired with a variety of cosolvents, depending upon the VOC targets in the intended market. Formulations containing TurboSet™ 2027 and exempt cosolvents can meet both current European VOC standards (<140 g/l) and U.S. VOC standards (275 g/l), opening up a world of opportunities for global acceptance.

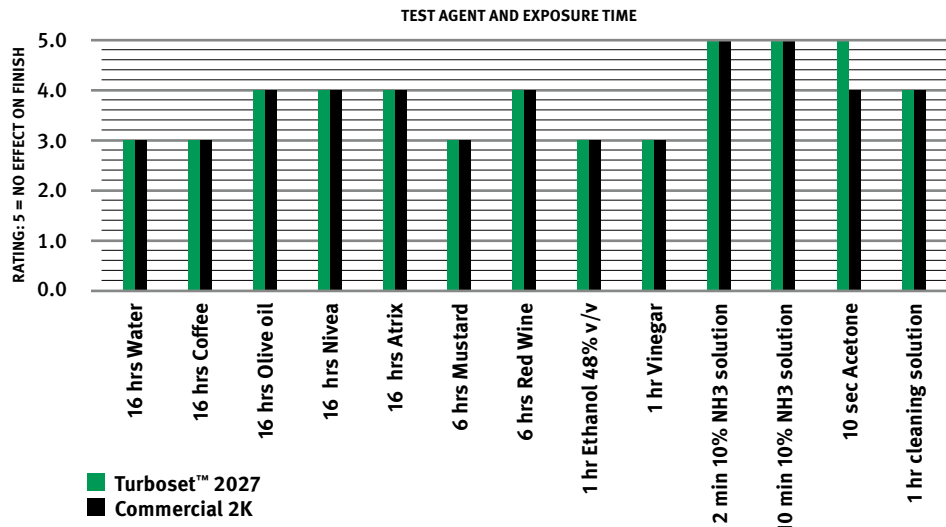
WHAT WE ADD MAKES THE DIFFERENCE.™

- NMP, NEP & APEO-FREE
- HIGH SOLIDS PROVIDE MAXIMUM FORMULATING FLEXIBILITY
- COATINGS BASED ON TURBOSET™ 2027 HAVE EXCELLENT DURABILITY
- STRONG IN KEY PERFORMANCE AREAS—HARDNESS, CHEMICAL AND BLACK HEEL MARK RESISTANCE

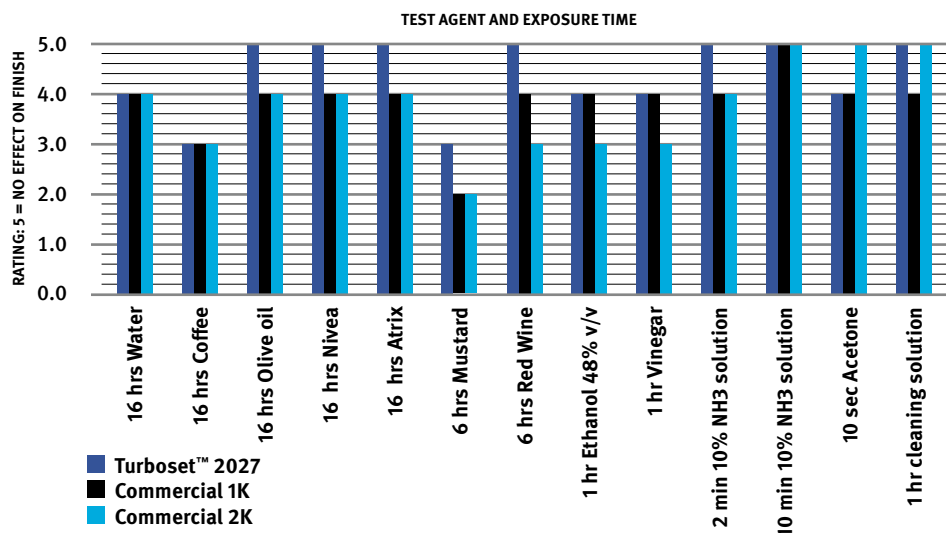
FEATURES & BENEFITS

- EXCELLENT CHEMICAL RESISTANCE AND WEAR PERFORMANCE
- HIGH SOLIDS CONTENT CREATES MORE OPTIONS FOR FORMULATION, COSOLVENT SELECTION
- NMP-FREE, HIGH SOLIDS PLATFORM IS COMPATIBLE WITH ENVIRONMENTAL COMPLIANCE NEEDS AND GLOBAL DISTRIBUTION STRATEGIES
- IMPROVES PERFORMANCE OF INTERIOR WOOD COATINGS USED ON FLOORS AND FURNITURE

CHEMICAL RESISTANCE FOR GLOSS EU FORMULA (140 g/l)



CHEMICAL RESISTANCE FOR MATTED EU FORMULA (140 g/l)



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