

Pat-Add LE 1433

Fluoro based leveling additive for WB systems



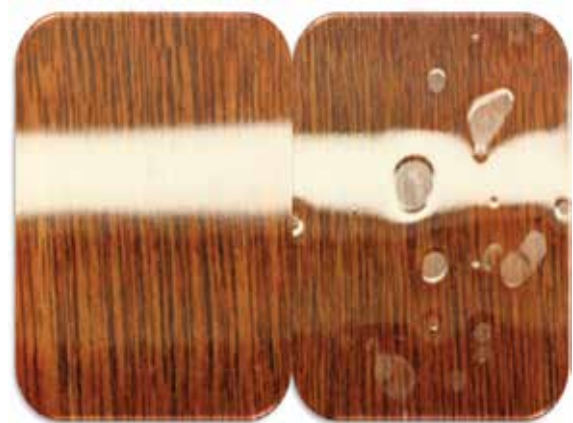
PATCHAM

Pat-Add LE 1433 is a fluoro-modified short chain polyether polyester leveling and slip agent for waterborne systems. Innovatively designed to meet environment regulatory requirements for fluorocarbon chain substances.

Features of Pat-Add LE 1433

- The strong C-F bond and the unique characteristic of fluorine atom (low polarizability and high electronegativity) contributes dramatically to lowering of surface tension of coatings
- The small dipole moment of these compounds also contributes to their oil and water-repellency, as well as their low refractive index and low friction coefficient
- It lowers the surface tension of the liquid coating by aligning its fluorocarbon tails at the air/coating interface but during dry the fluorocarbon tail realign away from the surface thus not affecting recoatability

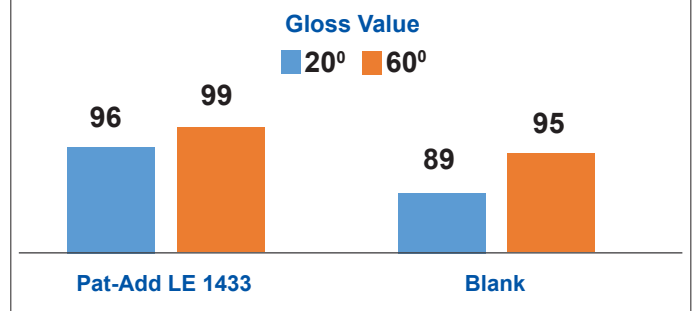
PUD Wood Topcoat Clear



Pat-Add LE 1433

Blank

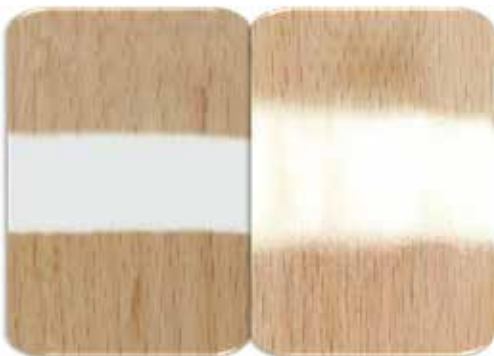
2K PU Wood Topcoat Clear



Pat-Add LE 1433

Blank

2K PU Wood Topcoat Clear



Pat-Add LE 1433

Reference

- Wood Coatings
- Architectural Coatings
- Industrial Coatings
- Stage of Addition: Letdown stage
- Dosage: 0.2% to 1.0% as supplied on total formula