

Lift Slide Material Spec

Technical Bulletin

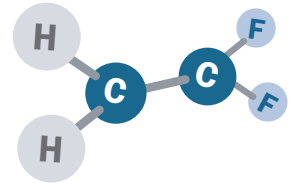


Functional Fenestration Inc (FFI) stainless steel lift slide hardware with superior durability & corrosion resistance. Functional Fenestration Inc is committed to the highest possible standards in hardware quality and testing. FFI Lift Slide hardware is salt spray tested for 3000 hours to prove coastal durability. Functional Fenestration uses higher quality materials for our exterior sliding door hardware compared to other manufacturers.

Key Attributes of FFI's Lift Slide System

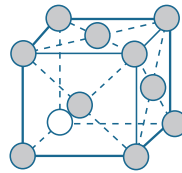
Koflux SC (Kynar) - A high performance fluoropolymer coating for aluminum

Field proven Koflux SC (Kynar) exceeds AAMA 2605.98 performance specifications with special resin and pigment technologies. Koflux is formulated for ultimate performance against harsh environments such as industrial, sea coast, corrosive chemicals, salt spray, etc. Standard on all FFI Lift Slide body and joint hardware, Koflux provides outstanding durability and performance in a variety of exterior architectural applications, with expected lifespan exceeding the FFI 15 year warranty.



Model 304 (300 Series)

Austenite type stainless steel has excellent corrosion resistance. Resisting ordinary rusting in most architectural applications. 304 series can be readily cleaned, resists organic chemicals, dye and a wide variety of inorganic chemicals.



Model 430 Stainless Steel

430 grade stainless steel is widely used for components that require very good corrosion resistance and durability. FFI 430 grade hardware has successfully passed salt-spray corrosion testing for 3000 hours, with only minor surface corrosion.

Delrin® - The high density, high viscosity acetal polymer

The FFI Lift Slide wheel assembly features Delrin® which provides high strength impact resistance. Delrin® offers improved thermal stability for durability in a wide range of installation environments.

Nylon 6/6 - The high density polyamide

Nylon 6/6 is the hardest of the unmodified nylons, and is utilized in joint and control bushings. Nylon 6/6 can function in temperatures in excess of 120°C (248°F). Due to these properties nylon 6/6 can work with little or no lubrication.

Chrome Steel (430 SST) and 440C STS (304 SST) Ball Bearings

The standard model 430 Lift Slide offers chrome steel bearings, providing excellent corrosion resistance. Premium model 304 Lift Slide offers best in class stainless steel bearings, which are 440 grade for superior hardness and exceptional performance.



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