

## ANTAI Mill Finish Product Guarantee

ANTAI ATL-DR-499-L4700 Silver Rail is a mill finish product without anodizing progress. The material is AL6005-T6 with robust mechanical properties, especially high tensile and yield strength.

ANTAI guarantee our mill finish product will maintain the mechanical properties and 25 years' warrantee while the installation is complied with Antai Engineering Certification and Installation Guidance.

The aluminum is an active metal, mill finish product reacts rapidly with the oxygen in the air to form a dense aluminum oxide ( $Al_2O_3$ ) coating. if the coating is damaged, it will immediately regenerate. And this coating protects the aluminum from further reaction and corrosion. The natural grown oxidized layer usually is grey or black color, looks like some pits or marks on products' surface as time goes by, but it will not affect the structural characteristics.

Mechanical Properties	Unit	Technical Standard
Tensile Strength	MPa	$\geq 270$
Yield Strength	MPa	$\geq 225$
Elongation	%	$\geq 8$
Weber Hardness	HW	$\geq 14$