



Specifications

Knowledgeable specifiers are careful to insist on mechanical deposition processes when they want corrosion protection, freedom from hydrogen embrittlement, and the many other advantages mechanical deposition offers. Listed below are just some of the many current specifications.

American Association of State Highway and Transportation Officials (AASHTO)
AASHTO M298-87 "Coatings of Zinc Mechanically Deposited on Iron and Steel"

American Society for Testing and Materials (ASTM)
ASTM B695 "Standard Specification for Coatings of Zinc Mechanically Deposited on Iron or Steel"

Caterpillar
1E1675 "Coating - Fastener"

Chrysler Corporation
PS-Plating "Zinc - Mechanical and Electroplated"
PS-8956 "Conductive Plated Coatings for Electrical Connectors and Corrosion Protection"

Ford
ESF-M1P67-A "Plating, Mechanical - Zinc"

General Motors
GMW3044 "Zinc Plating" and **GM4345M/GM4344M** "Corrosion Protective Coatings - Zinc Plating"

International Standard
ISO12683 "Mechanically deposited coatings of zinc – Specification and test methods"

John Deere
JDM F22 "Specification for Mechanical Zinc Coating"

Mercury Marine
M-220-P "Mechanically Deposited Coatings"

Nissan
M4066 "Iron Zinc Alloy Mechanical Plating – Silicate Resin Coatings"

Stanley
P-1275 "Mechanical Plating – Aluminum Tin Zinc" and **P-1309** "Mechanical Plating – Tin/Zinc"

Tesla Motors
TM-0010F-M "Mechanically Deposited Zinc Anti-Corrosion Coatings"

Toyota
TSH6701G "Mechanical Plating Zinc – Iron – Aluminum Composite Coating"

Volkswagen
TL155 "Ternary Composite Layer for High Strength Fasteners"

United States of America (Replaced by ASTM Specifications)
MIL-C-81562B "Coatings, Cadmium, Tin-Cadmium and Zinc (Mechanically Deposited)"