

E-COAT PROCESS MAP

PRETREAT

01. HEATED ALKALINE SPRAY
02. HEATED ALKALINE SUBMERSION
03. CITY WATER RINSE
04. CONDITIONER
05. HEATED ZINC PHOSPHATE
06. CITY WATER RINSE
07. SEALER
08. REVERSE OSMOSIS RINSE
09. STORAGE TANK

Preparation/
Cleaning

Preps
metal surface for
formation of
polycrystalline
coating

Converts
metal surface to
polycrystalline
coating for
improved paint
adhesion and
corrosion
protection

Increases
corrosion
resistance of
metal surface

ACRYLIC APPLICATION

10. ACRYLIC SUBMERSION
11. PERMEATE SPRAY
12. PERMEATE SUBMERSION
13. PERMEATE SUBMERSION
14. STORAGE TANK

Acrylic -
Coating
Characteristics:
Top Coat
(UV Resistant)

EPOXY APPLICATION

15. EPOXY SUBMERSION
16. PERMEATE SPRAY
17. PERMEATE SUBMERSION
18. STORAGE TANK

Epoxy -
Coating
Characteris-
tic: Primer Coat
(Non-UV
Resistant)

After Tank 18:
350° - 400°
Oven/Cure