

ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH
CODE

REVISION
LEVEL

BRIEF DESCRIPTION:

TC-2 MZINC TIN ALLOY-RoHS

TC

2

REV DATE: 9/28/2018

GENERAL DESCRIPTION

ZINC, TIN ALLOY , 25% +/- 5% ALUMINUM. 75%+/-5% ZINC MECHANICALLY DEPOSITED WITH A MINIMUM THICKNESS OF .0002
!!!MUST BE RoHS COMPLIANT!!!

APPEARANCE

BRIGHT SILVERY FINISH WITH A UNIFORM APPEARANCE, FREE OF BLISTERS AND VOIDS

ADHESION AND DUCTILITY

BURNISH BY WATER POLISHING TO CONSOLIDATE THE COATING. TO BE TESTED IN ACCORDANCE TO ASTM B571 (SCOTCH TAPE TEST)

CORROSION REQUIREMENTS

RED RUST: 250

WHITE CORRIOSION: 72

SALT SPRAY TESTS TO BE PERFORMED PER ASTM B117

COATING THICKNESS REQUIREMENTS

MECHANICAL ZINC TIN ALLOY .0002 MINIMUM

STRESS RELIEF

NOT REQUIRED

QUALITY CONTROL

VISUALLY INSPECT FOR UNIFORMITY OF COLOR AND SURFACE APPEARANCE, FREEDOM FROM TEARS, BARE SPOTS, POWDERY FILM, SLOUGHING OFF OF FILM, AND BLISTERING

PROCESS TO

NOTE: THIS FINISH IS A ACCEPTABLE SUBSTITUTE FOR MECHANICAL CAD

PRINT DATE:

9/28/2018