

ASTMB117/BS 7469 (ISO 9227)NSS DIN50021 Salt spray comparison chart for barrel & rack zinc with a minimum of 8 microns deposited zinc.

<i>Barrel Zinc with 8 microns min deposit</i>	1st White	1st Red
Clear Trivalent	8	72
Yellow Hexavalent	72	120
Thick Film Trivalent (Transparent)	8	120
Thick Film Trivalent (Transparent) & Silicate Seal	120	240
<i>Rack Zinc with 8 microns min deposit</i>		
Clear Trivalent Passivate	16	72
Yellow Hexavalent Passivate	96	120
Thick Film Trivalent (Transparent)	72	240
Thick Film Trivalent (Transparent) & Silicate Seal	120	240+

The thick film trivalent passivate does not have the same self healing properties as yellow hexavalent passivate that is why a silicate sealer is added particularly on the barrel process where physical damage occurs to passivate film.

24th August 2006