

ATTENTION CUSTOMERS



TEA STAINING ON STAINLESS STEEL PRODUCTS

Tea staining is a dis-colouration of the surface of stainless steel caused by mild corrosion. The corrosion is cosmetic only and does not affect the structural performance of stainless steel.

The only readily available chemical that can corrode stainless steel is very strong acid. Stainless is generally unaffected by alkali and if your pool shop says that staining is due to high alkalinity, they are wrong.

Brown staining can also be caused by a ladder step bolt not insulated correctly from the ladders main frame. Plastic washers must be used to insulate the ladder, as the bolt is generally a dis-similar metal to the main ladder frame. Where the steps are bolted to the ladder can cause a "rust" looking stain, but it is NOT rust and can generally be cleaned off easily. This is called Galvanic corrosion

A precautionary measure to prevent Tea Staining / Corrosion of your stainless steel ladder is to ensure the ladder is correctly Earthed (Bonded) especially with Mineral or saltwater pools, as the bolts verses the main frame can act as a cathode and anode. Regular adequate cleaning or washing of the stainless steel product to remove residues and salt deposits will also help.

If Tea Staining does occur, Mix 1 tablespoon of baking soda in 2 cups of water.

Rub the baking soda solution on the rust stain using a toothbrush. Baking soda is non-abrasive and will gently lift the rust stain from the stainless steel. ...

Rinse and wipe the spot with wet paper towel

Pool equipment manufacturers recommend regular maintenance and care in order to ensure the product will look and perform to the level that you expect.