



TECHNICAL DATASHEET

TURQUOISE 3400

Blue Passivation on Zinc Plating

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Process Information

Turquoise 3400, makes a blue layer for zinc plated parts. Turquoise 3400, has a high passivation capability, and has a strength between 20 – 30 hours. It has a continuous application ability and gives uniform color.

Working Parameters

Density	1.012 – 1.014 (20 °C)
Temperature	18-22 °C
pH value	1,6-1,9
Immersion time	5-20 second

Make-up

Make up for 100 liters:	
Turquoise 3400	0,4-0,5 kg.
Nitric acid (d= 1,39)	0,3 lt.

Maintenance

Control of tank:

After setting the blue color, for 100 lt. tank add 12 – 15 g. TURQUOISE 3400 and 0,12 – 0,15 cc. Nitric acid.

Removal of Electrolyte :

TURQUOISE 3400 has a hexavalent chromium in it. Because of this you must remove before treatment.

Health and Safety

Material Safety Data Sheets are available for all GALVANO MONDO products, they are normally issued with relevant quotations and Technical Data Sheets. They explain hazards associated with the product following classification by European Statutory Requirements. Normally more than one product will be used in a process. Risk evaluation of the process is the users responsibility because the user controls men, materials, methods and machines. The user must consider all of the substances present in the solution, whether they present a risk to people and the environment, whether abatement measures are needed.