

Technical Data Sheet

GALVAVIT

(Zinc Alloyed for Hot Dip Galvanizing)

GALVAVIT, when used with Nickel, will control a much wider range of silicon equivalents, reducing the coating thickness of the material in the silicon equivalent ranges where Nickel is not effective in reducing the coating thickness, allowing you to make coatings in accordance with the standard. . In summary; **Silicon equivalent:** $(Si + 2.5P) > 0.15$ It will reduce the coating thickness in the section we call 'Hyper Sandelin' and will allow you to coat in accordance with the standard. When Galvavit is used with Nickel Tablets, it saves up to 20% of zinc.

- Due to weak flow, stalactites and mass accumulations occur at the ends of the zinc coated part. Cleaning them after coating will cause additional cost to the business. With the use of Galvavit in the molten Zinc bath, it was observed that the run-off (drainage) residue of the part coming out of the hot dip galvanizing was observed. Zinc stalactites and zinc accumulations in the material end areas are eliminated.
- It provides up to 15% reduction in dross production.
- It may reduce ash formation.
- A bright and smooth coating surface is obtained..
- It creates a flowering coating surface by changing the crystal morphology of the zinc layer.
- It prevents oxidation on the zinc furnace surface.
- It increases the fluidity of the bath. It minimizes regional coating differences. Provides a homogeneous surface.
- It does not require labor, its application is simple and fast.

PRODUCT CONTENT	
ZINC	
BISMUTH	
TIN	
ALUMINIUM	
PRODUCT WEIGHT	8 KG (+/- 500 gram)

Usage and Concentration:

1. Working Temperature is min. 430 °C
2. For 1000 kg Zinc addition, one ingot of Galvavit is added.
3. The addition of Galvavit is made together with zinc.
4. After the melting and mixing processes are completed, the surface of the zinc furnace is cleaned and production continues.

Bath Control : The molten zinc bath to which GALVAVIT is added is measured with the ICP-OES device.

Storage: It can be stored in all ambient conditions.

Package: 1.000 Kgs.