

It's a tough environment out there and our fast paced work world demands reliable and cost effective performance from our people and the equipment they use, in response On-Trux has introduced Hot-Dip Galvanized coating for roll-off systems.

ON-IRUX

Hot Dip Galvanizing has proven itself as a protective coating that stands the test of time and is the preferred choice for exceptional maintenance free service life.

In suitable applications no other protective coating matches galvanizing's unique combination of low initial cost, coating quality, durability, predictable performance, low maintenance and resistance to impact and mechanical damage.

For many industries galvanizing offers a low cost, high performance solution that increases the integrity and life of operational components.



How Hot Dip Galvanizing is done

The Hot-Dip Galvanizing process involves dipping chemically cleaned steel parts into a tank of molten zinc which reacts with the steel and forms a protective coating.

During the dipping process the steel reacts with molten zinc to form a series of zinc-iron alloy layers which, together with an outer layer of pure zinc, are metallurgic ally bonded to the steel surface. This coating has a very low corrosion rate and because the alloy layers are harder than the underlying steel is highly resistant to mechanical damage.

The molten zinc in the galvanizing tank covers corners, seals edges, seams, welds and rivets, and penetrates recesses to give complete protection to areas which are potential corrosion spots with other coating systems.

Each galvanized part requires complete immersion in molten zinc to ensure a uniform coating on all surfaces, even on areas not normally accessible to paint applicators.



Zinc or ETA Layer (70 DPN Hardness)

Zeta Layer (179 DPN Hardness)

Delta Layer (244 DPN Hardness)

Base Steel (159 DPN Hardness)



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