

Passivation solutions

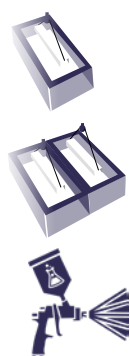
Exceeding the market standard

General passivation product properties

- Passivation layer on fresh galvanized steel
- Provides excellent corrosion resistance during storage and transport
- Paintability on passivation layer
- Chemical technology: Chromefree or Chromium(III) based
- Free of substances of very high concern (SVHC)
- More user and environment friendly processes (non-toxic labeling)
- Competes easily with Chrome (VI) based passivation
- Long bath life (more resistant to chloride content)

About our products

AD Chemicals has developed a range of passivation products designed to meet the needs of general galvanizers (HDG). Ensuring excellent white rust protection and an easy bath maintenance. Passivation products of AD are sustainable (free of SVHC substances), economic and effective in use. If needed AD Chemicals can tailor the passivation requirements to the specific substrate and application process of a customer.



Process	Corrosion protection	Paintability	Sustainable (SVHC free)	Cooling Bath	Easy bath control
Quench	++	+	✓	X	✓
Quench & Cooling	++	+	✓	✓	✓
Spray Passivation	+++	+++	✓	X	n/a (ready to use)

Future-proof

HDG passivations have a huge range of requirements on a complex combination of Zinc-based alloys. This drives the need for close working relationships, consultation, testing and pilot line experimentation. With its passivation portfolio, AD shows it is possible to make the process sustainable while maintaining the highest quality.

Testing results



Our Passivation solutions are used by Key-players in the industry

Testing results

Untreated



Treated



6 months of outside exposure

Distributed



TIBCHEMICALS

"Make your passivation process
future-proof with AD Chemicals"