

ZIMZ BOLIDEN

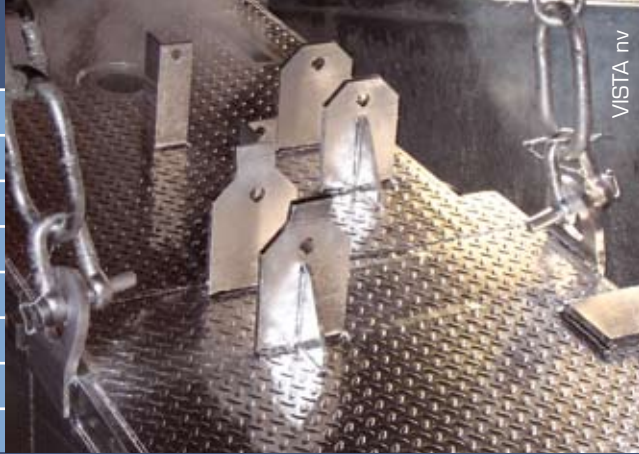


ZiNiGal™

...improved galvanizing, lower costs.

Technical Data Sheet

	%	Tolerance (%)
Ni	0.15	+/- 0.03
Pb	< 0.005	–
Cd	< 0.003	–
Fe	< 0.005	–
Cu	< 0.001	–
Sn	< 0.002	–
Al	< 0.005	–



ZiNiGal: Best quality for you

Offering only the best for Galvanizers

To meet the needs of its customers, Boliden has developed ZiNiGal, a zinc-nickel alloy for the general galvanizing industry. The ready-made alloy is easy to use – there is no need to mix different components. ZiNiGal saves you time and

effort because you don't have to worry about the correct alloy ratio or constantly monitor the bath.

Boliden's newly set-up technical service makes sure that knowledge drives the develop-

ment and production process of the alloy. In addition, you are backed-up by world class technical support that is ready to answer your questions with regards to your individual application of the product.

Zinc can be replaced by "ZiNiGal" without any changes to your production process.

Advantages for your customers

Adding nickel to the zinc bath improves nearly all technical characteristics. Your customers will be amazed with the quality of the improvements. And the stability of your galvanizing process, enabled by the ready-made alloy, is an important added value for your customers.

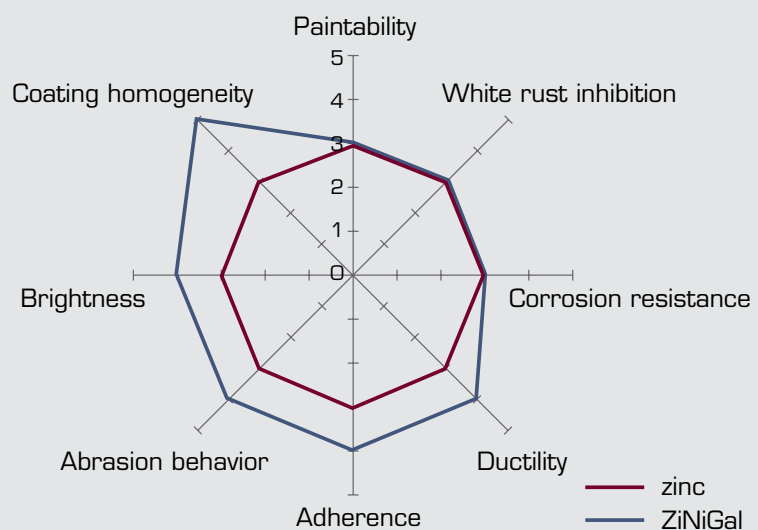


Photo on the front page: Siegener Verzinkerei Holding GmbH, Germany

3: standard performance of traditional zinc
 > 3: better performance
 < 3: worse performance



Improved galvanizing, lower costs

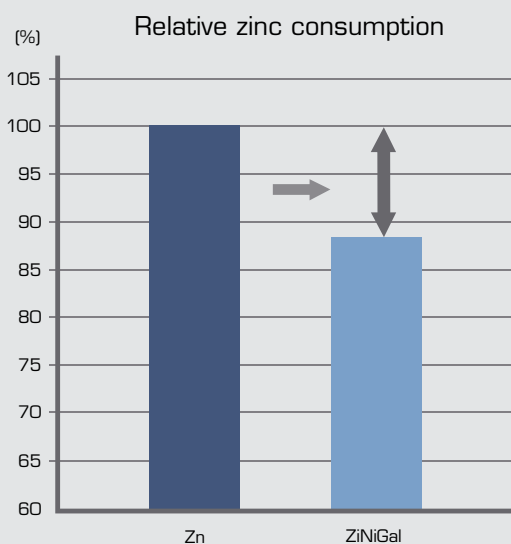
By using ZiNiGal you save costs at zinc LME quotations of 800 US\$/t and above – mainly due to the thinner zinc

layer and thus a decrease in zinc consumption. So, what are you waiting for? Start using Boliden ZiNiGal, the reliable

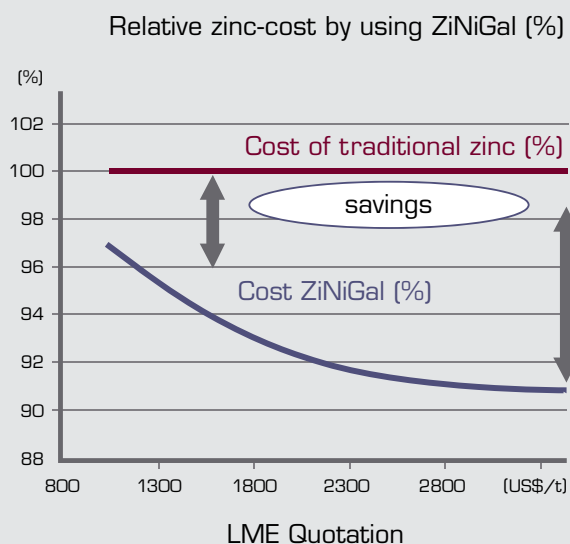
alternative to zinc baths and start saving time and money today. Call us now!

ZiNiGal helps you ...

... decrease zinc consumption by 10–15%* ... and thus reduce costs*



* numbers are averages



How can we assist you?
Let's keep in contact.

HEADQUARTERS

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WIMZ **BOLIDEN**