



METALIZING

A well proven method for corrosion control



Swedish high quality work by

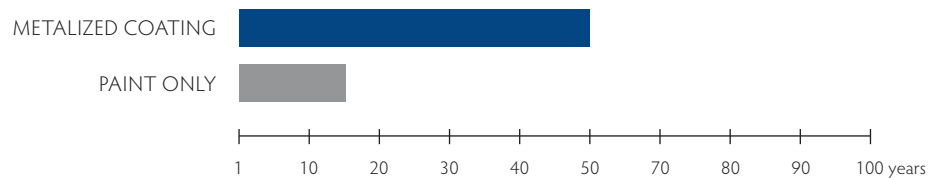
Henry Allt i Allt
Blästrar, Målar & Metalliserar

 **KÅLLERØD**
BLÄSTRING & MÅLNING

METALIZING

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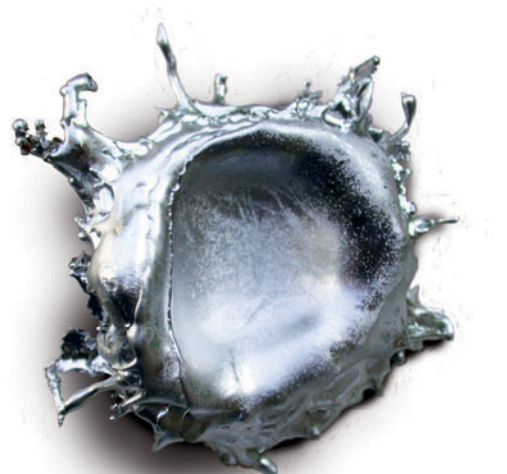
Metalizing is a substitute for painting structural steel for decades longer than paint alone. This is a proven process, which has been used around the world for 90 years. One single metalized coating protects steel for 30 to 50 years depending upon the application coating thickness and sealing. Normal paint system last for 10 to 15 years.



HOW DOES IT WORK?

Metallizing is considered a cold process in that the aluminum or zinc is deposited onto steel by spraying, rather than by dipping the steel into a bath of molten zinc as with galvanizing.

The metalizing process always begins with proper surface preparation. Next, aluminum and zinc or zinc wire is melted in an electric arc spray or gas flame spray gun. Clean compressed airstrips droplets of molten metal from the wire depositing these particles onto the steel forming the protective coating. This sprayed metal coating is both a barrier coating and galvanic coating in one.





**SAVE UP TO
40 %**

COMPARED TO PAINTED COATING ONLY

THE COATING THAT SAVES YOU MONEY AND TIME

The cost for metalizing varies with the project. In general an owner can expect to pay about 30 to 40 percent more for a metalized coating than for painting, but the maintenance on board during the next decades will decrease considerably.

DURING THE METALIZING PROCESS



THE RESULT, A COVER THAT WILL SAVE MONEY AND TIME





ANY STEEL STRUCTURE THAT CAN BE BLAST CLEANED WE CAN METALIZE.

APPLICATIONS INCLUDE

- Ships and vessels
- Bridges
- Piers and shore facilities
- Lock and dam gates
- Pipelines
- Offshore oil platforms
- Communication or power transmission poles





METALIZED SURFACE CAN BE APPLIED IN MOST WEATHER CONDITIONS. UNAFFECTED BY THE SURFACES OR THE SURROUNDING TEMPERATURES, METALIZING CAN BE PERFORMED ALMOST ANYWHERE AND ALL YEAR ROUND. ANYTHING ABOVE WATER, WE CAN METALIZE.



THE SWEDISH QUALITY

The team for metalizing coming from two family owned companies in Sweden. They started their companys in the early seventies, and have good experience in metalizing all over the world.

Henry Allt i Allt was founded in 1977. In 2006 it was converted from sole trader to limited company. The new owners are the founder's sons, Pär and Markus.

We are specialized in all types of coating such as blasting, painting and metallization and take responsibility for the outcome. All work is performed with great skill and responsibility.

Proficient and experienced employees ensures a first class job and lasting result, and makes it possible to take on minor as well as larger jobs, and to establish fast with our mobile equipment.

Certified by the Norwigan FROSIO we handle the entire process, from the preparatory work to final inspection and documentation, performed by our FROSIO certified inspectors. The ISO 14001 Standard ensures environmental policy compliance.

Kållerød Blasting & Painting is a family business that was founded in 1972. The aim since then is meeting customer needs in all types of blasting and painting. Therefore, we have the latest equipment and technology. In our premises in Kållerød we prepare, blast and paint most of the material. For larger assignments, we work on spot with our mobile devices.

We are specialists in industry and work mostly on site on larger missions such as concrete structures, ships, bridges and other construction works. We are also skilled in sandblasting, cleaning and surface treatment of steel constructions and wrought iron structures.

Experience and new technology combined makes us reach our goals; satisfied customers and a work to be proud of.



Do not hesitate to contact us for more information about metalizing for corrosion control.



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