Excellence in Galvanizing

# WEDGE

#### SOUTH WEST GALVANIZERS LTD



Hot Dip Galvanizing is a highly-effective corrosion prevention treatment that creates long-lasting protection for any type of steelwork

#### www.wedge-galv.co.uk

## WHY CHOOSE GALVANIZING

# SUSTAINABLE

Sustainability is becoming a significant consideration when choosing materials to ensure that buildings are as sustainable as possible. Galvanizing has long been seen as the most environmentally-friendly finishing process available to prevent corrosion, as it is highly sustainable and produces minimal waste.



# MAIN BENEFITS OF GALVANIZING

- Long life galvanizing creates an easy to clean surface which can give a maintenance free life of more than 70 years (depending on the environment used in).
- When maintenance eventually becomes necessary, it is straightforward. No complex preparation treatments are required.
- Lowest lifetime costs low initial cost and long life make galvanizing the most versatile and ecomonic way of protecting steel for long periods.
- The benefits of no maintenance, or extended maintenance intervals, include fewer problems of access in remote areas, difficult terrain, when buildings are closely packed together or when there area safety restriction such as electricity pylons.
- Costing toughness galvanizing is unique. The hot dip process produces a coating which is bonded metallurgically to the steel. No other coating process has this feature and, as a result, galvanized steel has by far the greatest resistance to mechanical damage during handling, storage, transport and construction - an important factor where steel work is to be shipped around the world.
- Complete coverage because it is formed by dipping steel into molten zinc, all parts of the surface of the steel are coated - inside, outside, awkward corners and narrow gaps which would be impossible to protect in any other way.
- The coating actually tends to build up at vital corners and edges rather than thinning out as is often the case with brushed, sprayed or other dipped coatings.

## **ABOUT US**

### WEDGE GROUP GALVANIZING

South West Galvanizers Ltd is part of Wedge Group Galvanizing Ltd, the UK's largest hot dip galvanizing organisation. The Group can process anything from a 1.5mm washer to a 29 metre beam.

Our continuing investment in new technology and equipment, together with our commitment to customer care ensures that we offer you 'Excellence in Galvanizing'



#### **Industry Innovators**

Continual investment and improvements ensure all our plants are designed and equipped to set industry-leading standards for sustainability and low environmental impact. These include:



Using the most innovative pulse-fired high velocity systems in our plants which improve fuel efficiency and performance

Rain water harvesting at our plants to re-use water in the process

LED lighting throughout our plants and offices

We were the first UK galvanizer to be lead free

# ABOUT US

Located in Crediton, Devon, South West Galvanizers serves the Devon and Cornwall areas with daily delivery and collection services.

We offer unrivalled customer service and quality and our experienced team is always on hand to provide free advice about your galvanizing requirements and to help with best practice steelwork design for optimum galvanizing quality.

# OUR SERVICES

- Daily collection and delivery
- Site deliveries
- 24hr turnaround on request
- Unrivalled customer service
- Compatible systems with CE marking
- Free technical advice
- Spin Galvanizing (sent to another Wedge Group Plant)
- Group capability up to 29m

## **GALVANIZING & THE CIRCULAR ECONOMY**



#### Make (Refuse)

Galvanizing is an efficient dip process – giving the highest level of protection for steel. Galvanizing of steel products maximises their durability, reuse and recycling.

#### Use (Reduce)

Galvanized steel is completely covered with a durable coating that can last the lifetime of the component – avoiding resource use for replacement or maintenance.

#### Reuse

Galvanized steel is robust and easily dismantled for reuse in multiple life cycles. The coating stays with the steel component in its next life cycle.



#### Recycle

Steel and zinc are recycled together – without loss of properties – if the long life of galvanized steel eventually ends.

#### Remake

Galvanized steel products can be regalvanized and put back into service – avoiding production of new steel. Repurposing of galvanized steel products is often possible without regalvanizing.

## **OUR COMMITMENT TO QUALITY & SERVICE**

#### GALVANIZING QUALITY

All works are undertaken is hot dip galvanized strictly in accordance with EN ISO 1461 and under the control of ISO 9001.

All hot dip galvanizing is carried out in a CLASS 1 BATH with agreed compositional limits and records of assessment retained for 10 years.

Our galvanizing baths are also lead free.

Wedge Group Galvanizing also has supplier approval for Rail and Gas & Oil. We have been through their stringent audit processes so you can be assured of high quality galvanizing backed by excellent customer service.

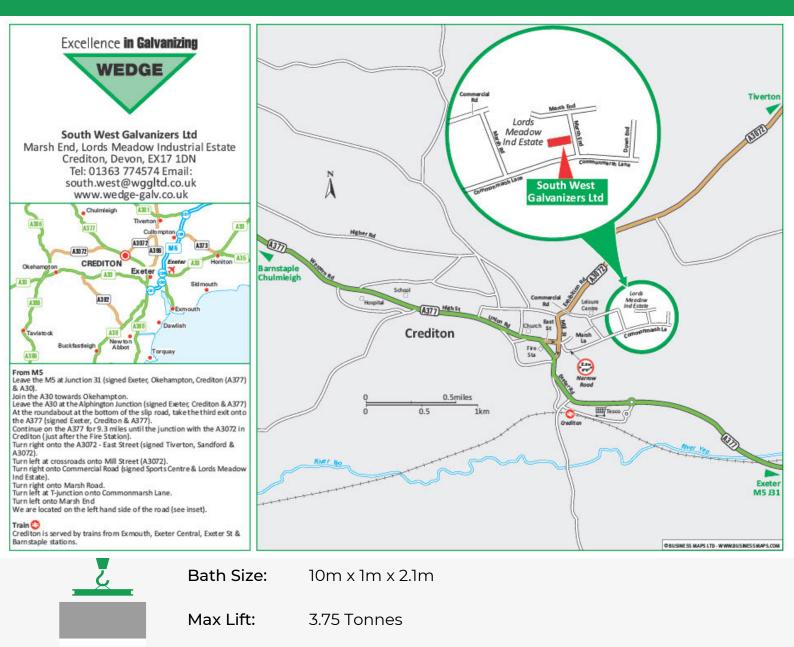




## CUSTOMER PROMISE

South West Galvanizers is committed to continuous quality improvements with our 'Customer Focus Initiative'. This includes regular customer feedback surveys to ensure our customers are receiving the best service available. We also have a continuous improvement team on site to help action any improvements we need to make following feedback from customers.

## CONTACT US



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