

# DELFAST RUSPERT COATING

## RUSPERT COATING

Ruspert coating on Delfast bugle screws provides an advanced coating technology designed to enhance durability and corrosion resistance. This multi-layered protective system involves a metallic zinc layer, a chemical conversion film, and a ceramic topcoat. Together, these layers offer superior resistance to rust, ensuring the screws can withstand harsh environmental conditions, including exposure to moisture and chemicals. The Ruspert coating also improves the screw's longevity and performance, making it ideal for use in demanding applications where long-term reliability is essential. Additionally, it provides a smooth, aesthetically pleasing finish that adds to the screw's overall quality.



## CLASS 3 GALVANISING

Class 3 galvanizing is a widely used coating method that provides a moderate level of corrosion resistance by applying a thick layer of zinc to the screw's surface. While effective, it primarily relies on the sacrificial nature of zinc, which corrodes over time to protect the underlying metal. Class 3 galvanizing offers decent protection against rust but may not perform as well in highly corrosive environments or when exposed to harsh conditions for extended periods.

## CLASS 4 GALVANISING

Class 4 galvanizing provides a higher level of corrosion resistance than Class 3 by applying a thicker zinc coating, making it suitable for more demanding environments. However, like other galvanizing methods, it primarily depends on the zinc layer to protect against rust, which can still degrade over time, especially when exposed to severe conditions.