



ROTOCOAT
VERZINKEN • COATEN



PROTECTION AND COLOUR





Sustainable protection

Rotocoat specialises in the hot-dip galvanising of steel in accordance with NEN-EN-ISO 1461. Steel is strong, but it has just one drawback: it needs protection against corrosion. Hot-dip galvanising protects steel against outside factors and extends its useful life considerably.

The galvanising process consists of a number of stages: after degreasing, pickling, fluxing and drying, the material is submerged in a zinc bath at a temperature of 450°C. The zinc that covers the material bonds with the steel, creating an unbreakable layer. If it does get damaged, a chemical reaction (cathodic protection) follows, preventing rust. Only galvanising provides this unique protection.

Rotocoat does not only hot-dip galvanise steel, it also provides metallisation and aluminisation services, primarily for steel that cannot withstand the high temperatures involved in hot-dip galvanising or for objects with shapes or sizes that make hot-dip galvanising impractical. Metallisation and aluminisation are possible on location.

Galvanised materials are durable, maintenance-free and largely recyclable. That means the price-quality ratio is excellent, particularly in the long term.

HOT-DIP GALVANISING





For small parts

Rotocoat can also hot-dip galvanise small steel parts. The Rotocoat centrifuge galvanising plant is one of the most modern in Europe, making use of a unique, fully automated centrizink® process ensuring a sustainable zinc layer.

The plant comprises a closed, environmentally friendly, pickling installation for pre-treating the steel parts, which are then placed in cages and submerged in the zinc bath. After galvanising, the cages are placed in the centrifuge, where they are spun quickly to remove the excess zinc quickly and efficiently. The result is a high-quality zinc coating. When they leave the centrifuge, the parts are cooled in a special cooling emulsion at a constant temperature. This cooling process also makes a major contribution to the final quality of the galvanised product.

So Rotocoat is not just your specialist for larger materials. Rotocoat is also your partner for the hot-dip galvanising of smaller parts.

CENTRIFUGE GALVANISING





Protection and colour

Rotocoat also specialises in applying protective powder coatings to galvanised steel, steel, aluminium and stainless steel. Powder coating is an electrostatic process in which a spray gun is used to apply powder to metal. In the furnace, the powder melts to form an even layer and a stylish, protective durable coating. Rotocoat also has years of experience with applying special powders such as texture, metallic, anti-graffiti powders and special heat-resistant coatings which can then be covered with a top layer in any desired colour.

To guarantee the long-term bonding of the powder coating, proper pre-treatment is essential. Rotocoat can provide both mechanical and chemical pretreatment for the material. Chemical pretreatment with iron phosphating is possible as well.

Rotocoat also provides wet paint services in combination with hot-dip galvanising in accordance with the Powder & Paint on Zinc Practice Guideline. Powder coatings or wet paints not only provide steel products with the best possible protection against outside factors, they make them look great as well.

Do you want advice about the best approach to protecting your product? Do not hesitate to get in touch with Rotocoat.

POWDER COATING





Galvanising + powder coating

Hot-dip galvanising in combination with powder coating, the Duplex Route, is the most enduring form of protection in the fight against corrosion. The powder coating protects the zinc layer from the outside and the zinc layer protects the steel against corrosion from the inside. This results in more durable protection than galvanising and powder coating separately. In addition, the powder coating is available in virtually any colour so the result is not only durable but also stylish in appearance.

Rotocoat delivers the Duplex Route in accordance with NEN 5254, NEN-EN 15773 and the Powder & Paint on Zinc Practice Guideline and we can offer this for all clients. Heavy structural steel can also be hot-dip galvanised and powder coated at a single location. Rotocoat ensures perfect processing of the material, and a fast and efficient completion of the Duplex Route.

Rotocoat provides you with a total concept, with a single front desk, a single guarantee and a single invoice. In this way, Rotocoat can guarantee you high quality and reliable delivery times. You can count on Rotocoat.

Duplex Route: 1 + 1 > 2

DUPLEX ROUTE





Taking over the burden

More and more clients use the Rotocoat transportation service. Rotocoat has semi-trailers with sliding sides, extendable trailers and trailers with integrated cranes, so products can be offloaded at building sites. We have our own fleet allowing for the flexible planning of the transport. The temporary storage of processed materials and call-off deliveries is also possible.

Rotocoat is also the right place for degalvanising, minor additional assembly work and special coatings.

Rotocoat has ISO 14001 (environment), ISO 9001 (quality control), and Qualisteelcoat certification, and complies with the requirements and guidelines set out by DAST-Richtlinie 022 and MVO ISO 26000. Corporate social responsibility is an important part of the corporate policy. Customer requirements play an important role here. Rotocoat is happy to get involved with the process and, of course, to be at your service.

You can always count on Rotocoat: Rotocoat is there for you from the drawing board to the building site. Rotocoat, reliable and fast.

SERVICE, TRANSPORT AND CSR





THE PROCESS



ROTOCOATING RELIABLE AND FAST



Rotocoat B.V.
+31 85 044 27 27

Veldoven 11, NL-8271 RT IJsselmuiden
verkoop@rotocoat.nl

Rotocoat Heerhugowaard B.V.
Rotocoat Wolvega B.V.
Rotocoat Kampen B.V.
Rotocoat Dieren B.V.

Edisonstraat 2, NL-1704 RL Heerhugowaard
Ambachtsstraat 3, NL-8471 AA Wolvega
Veldoven 11, NL-8271 RT IJsselmuiden
Kanaaldijk 40, NL-6956 AX Spankeren

www.rotocoat.nl

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STEEL AND
STEEL PROCESSING



GRATING
TECHNOLOGY



SURFACE
TREATMENT



ZINC
RECYCLING