

ZINQ[®]

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duroZINQ[®]
Protection and design
on steel



duroZINQ hot-dip galvanising is characterised by high product quality in terms of appearance, performance and long service life.

duroZINQ surfaces on steel last a lifetime and protect steel permanently and safely against corrosion. By eliminating maintenance measures while the hot-dip galvanised steel is in use, duroZINQ is the most ecological and economical process in surface technology. Stationary and carried out in specialised plants, our process guarantees maximum corrosion protection. Of course, with the duroZINQ surface on steel, we also supply all services relating to optimum protection and design on steel - all from a single source.

Properties

- **Corrosion protection**
Hot-dip galvanising to DIN EN ISO 1461/ DIN EN ISO 14713 in brand quality, maximum cost-effectiveness thanks to long service life, maximum mechanical strength during installation and use
- **Technical features**
Optimum appearance and function thanks to uniform layer thicknesses, optimised coatability
- **Resource efficiency**
Reduced use of zinc thanks to optimised alloys and improved zinc bath management as well as the use of energy-efficient plant and process technology as part of the low-carbon ZINQ programme
- **Resource effectiveness**
Environmentally friendly and innovative surfaces and processes certified in accordance with cradle-to-cradle standards and documented with circular product data sheets (PCDS) in accordance with ISO 59040
- **Material health**
Use of materials and raw materials in circular quality and free of microplastics, PFAS, PFOS - safe for people and the environment. Certified according to Cradle to Cradle Material Health Standard and in compliance with Health Product Declaration® (HPD) Standard
- **Product Compliance Assessment (PCA)**
duroZINQ-coated steel parts have been assessed as part of the EPEA Product Compliance Assessment (ProCa). The assessment indicates the product's classification within leading sustainability rating systems (DGNB, BNB, QNG, BREEAM, EU-Tax, LEED)
- **Quality**
Execution according to certified integrated ZMS (ZINQ Management System according to ISO 9001, ISO 14001, ISO 50001, ISO 45001 and in accordance with DAST 022) in state-of-the-art plants with continuous process control
- **ZINQ 360 - Additional services from A to ZINQ**
From design consulting, warehousing and inventory management to complete transport, contract and process logistics, contract manufacturing and assembly, digital marking, automation, post-processing and after-treatment systems