

Rittal – The System.

Faster – better – everywhere.

► **Optimum surface protection
with innovative technology**



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The ideal basis for major tasks

The three-phase surface finish provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and solvents, such as those used for cleaning. Rittal uses the same quality paints as the automotive industry as standard. And this quality is also guaranteed by way of continuous process monitoring.



ENCLOSURES

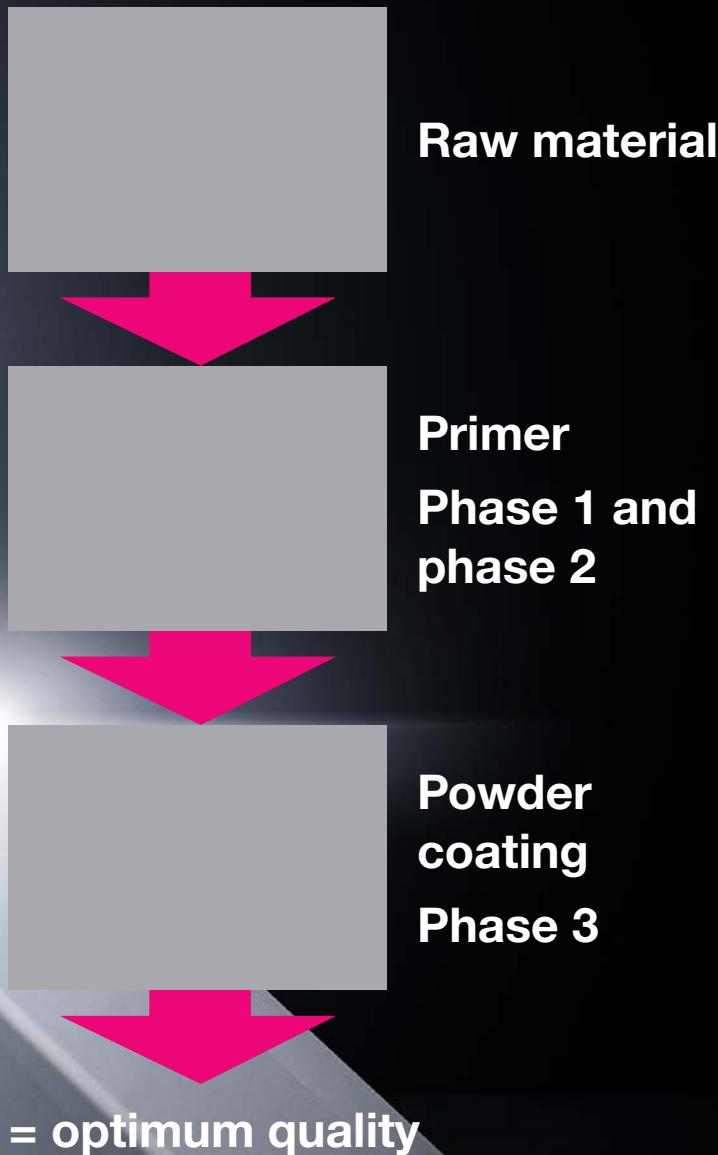
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Optimum surface protection

3 phases to optimum quality



1st phase:

Nanoceramic coating

- Nanoparticles form a homogeneous, solid connection with the metal surface
- An ultra-thin, glass-like layer is created
- This ensures extreme durability

2nd phase:

Electrophoretic dipcoat-priming

- Heavy metal-, chromate- and silicone-free polyester resins in a water-based paint
- Creates even layer structures on the surfaces, edges and hollow spaces, thereby ensuring a complete seal
- Layer thickness approx. 20 µm
- Stove-enamelling of the dipcoat primer

3rd phase:

Textured powder-coating

- Electrostatic, eco-friendly, heavy metal-, chromate- and silicone-free powder-coating on a polyester resin basis with excellent mechanical resistance
- Good chemical, temperature and weather resistance
- Decontaminatable
- Layer thickness approx. 80 µm
- Stove-enamelling of the powder coating

Your benefits

- Significantly increased protection from corrosion
- Superior long-term protection of your enclosures
- An exceptionally eco-friendly surface finish
- Free from phosphates, solvents and toxic heavy metals

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