

AN AXALTA COATING SYSTEMS BRAND



Alesta™

ZeroZinc Primers



An appropriate solution for every application

Corrosion of steel leads to high costs of repair and maintenance. The surface pre-treatment and the use of the appropriate anti-corrosion system to the substrate being coated will improve the life of the painted structure.

Building on more than 20 years of expertise and 10 years of research and development in the field of anticorrosion, the Alesta ZeroZinc range of products expands to provide the best solution for every substrate.



Advantages

- » Excellent anticorrosion properties
- » Excellent resistance to chemicals and humidity due to strengthening barrier effect
- » Corrosion protection up to C5-1 according to ISO12944-6 standard
- » Excellent mechanical properties
- » A ZeroZinc primer option for each substrate to be coated including steel parts with sharp edges and degassing substrates (such as galvanized steel and metallization)
- » Low density primers
- » Easy to use
- » Can improve productivity per square meter (optimized powder consumption)
- » Can reduce wear of coating equipment (venture and electrode)
- » Excellent intercoat adhesion with Alesta topcoats without sanding
- » Excellent adhesion to ferrous metals
- » Primed parts can be stored while they are waiting to be given a topcoat

Environmentally responsible anticorrosion protection

Alesta ZeroZinc primers:

- Zinc-free and do not contain any heavy metals
- Easy to transport
- Absence of VOCs
- Improve the durability of the coated part



Offering

	Product Code	Support	Color	Gloss (%)	Complete Curing Conditions
Alesta ZeroZinc Steel Primer	ZF90017192420	Ferrous metals	+/- Ral 7032	90 +/-10	10' @ 140°C (*)
Alesta ZeroZinc Edge Primer	ZF00017121720	Pieces with sharp edges (aluminum / steel)	+/- Ral 7032	3 +/-2	12' @ 180°C (*)
Alesta ZeroZinc Antigassing Primer	ZF80027273020	Degassing support (galvanized steel and metal)	+/- Ral 7036	85 +/-5	15' @ 180°C

*Partial cure improves adhesion with the topcoat. For more information, see the product technical data sheets

Alesta ZeroZinc primers:

- » Provide excellent adhesion properties with the substrate and the topcoat.
- » Second generation epoxy primers formulated to deliver high anticorrosion resistance to components subjected to severe environmental conditions.
- » Designed for the architectural (metallic structure, urban furniture and ironwork), transportation (bodies and equipment), industrial machinery, and agricultural equipment markets.
- » Appropriate for applications requiring outstanding anticorrosion protection with no heavy metals and all the benefits of a powder coating including the absence of VOCs, ease of application, and good flow and reactivity.

Alesta ZeroZinc Steel Primer

*for ferrous
metals*

Alesta ZeroZinc Antigassing Primer

*for degassing
substrates,
galvanized steel and
metallization*

*Primer efficiency
improves when
applied according to
the recommendations
of ISO12944-3
standard concerning
sharp edges

Alesta ZeroZinc Edge Primer

*for parts with sharp
edges* (exceptional
viscosity)*



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