

ELECTRODEPOSITION PRIMER

Product information

- 1-A self-crosslinking, heat-reactive primer for anodic electro dipping coating (anodic electrodeposition).
- 2-It is mainly used as anti corrosive primer in the automotive industry.

Physical data

Colour	Customer request
Finish	Flat to semi gloss
Substrate	Steel, cast iron, and galvanized surfaces.
Pigments	Anti corrosive pigments
Number of components	3
Curing mechanism	Heat reactive
Volume solids	58± 2%
D.f.t	20 -30 micron
Specific gravity	1.2-1.3 gr/cm ³ depends on color
None-volatile content: (by wight)	70± 2%
Theoretical coverage:	24 m ² /lit (at 20 µ d.f.t)
Conductivity:	1700 ± 300 µs(micro siemens)
Adhesion	5 B
Temperature	180 - 200 °c
Time	30 minutes
Deposition voltage (volts)	120-250 v
Deposition time	60-90 sec
Suitable top coats	Epoxy ,polyurethane and stoving top coats
Shelf life(at 20°C)	6 month
Application methods	Electro dipping

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Typical uses

As an anti corrosive primer in the automotive industry.

Application information

This primer shall be used in the electro deposition bath,
With the solid content of 14+1%, temperature 23-28^oc,
deposition voltage of 120-250 volts, coating time 90 sec, PH
value 6.9 - 7.4 and baking time of 30 min at 180 °c - 200^oc

Application equipment

A complete system of electro deposition coating including
rectifier, bath, washing, drying and baking line.

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