



EPOXY POWDER ANTICORROSIVE PRIMER CS (PRODUCT UNDERDEVELOPMENT)

Typical application

Modern anti-corrosion primer, ecological, economical, environmentally friendly, based on a patented Polish ecological, zinc-free anti-corrosion pigment. The product also has better edge coverage, better adhesion to the substrate and interlayer. To provide full protection against UV radiation, cover with a top layer in the form of a suitable polyester or polyurethane.

Recommended applications include: agricultural machinery, steel structures, fences, building structures, elements exposed to corrosive environments, including C4 and C5.

Technical data

Use:	Only for Professional use
Application:	Corona i TRIBO
Color:	Grey
Finish:	Smooth
Gloss:	Semi-matt
Thickness:	60 μ m
Curing:	standard 160°C/15 min
Specific gravity:	1,6 g/cm ³
Efficiency:	9-11 m ² /kg (depends thickness)
Packing:	standard powder 25kg
Storage:	max. 12 months in dry and well-ventilates places
Safety:	see proper SDS

Instruction for use

The painted surface should be properly prepared to obtain the highest possible coating properties. For best results, please contact our Technical Department. When selecting the appropriate application, please refer to the typical application guidelines and consult your surface preparation supplier.

The recommended surface preparation method is abrasive blasting to a cleanliness of Sa 2 1/2. For more demanding applications, chemical surface preparation (e.g. phosphating) is recommended.

For hot-dip galvanized steel, abrasive blasting is recommended.

It is recommended to use a partial curing process of the primer to increase intercoat adhesion. About half the time recommended for full curing will be sufficient to obtain good results. It is recommended to cover the partially cured primer with a topcoat as soon as possible, in the process of full curing intended for the topcoat. This process should be done as soon as possible so as not to exceed 12 hours from the start of the process. In the case of a process with full curing of the primer, the elements can be stored longer, but care should be taken to clean them properly and not expose them to direct UV radiation.

Always perform intercoat adhesion tests for the process used.

Physical property

Adhesion (ISO 2409):	Gt0
Impact (ISO 6272):	50cmkg
Flexibility (ISO 6860):	max. 5mm
Erihsen cupping (ISO 1520):	min. 4mm
Salt spray (ISO 9227)	max 2mm @1000h
Condensation test (ISO 6270)	no sub-coating corrosion, no blistering at 1000h
Laboratory performance test methods (ISO 12944-6)	meets the requirements for C4H and C5VH**

* The values obtained for steel sheet with a thickness of 0.8 mm surface preparation by blast-friction to minimum purity SA2 ½ (ISO12944-4)

** for the complete system primer + topcoat along with recommended surface preparation..

Information about product

Index:	RT7138
Color:	Grey
Gloss:	Full-gloss
Surface:	Smooth
Theoretical efficiency:	10,40 m ² /kg @ 60µm
Suggested thickness:	60-100µm (depends requirement)

The information on this sheet is based on experience or tests in the laboratory and is published in good faith in the belief that it will be of value.

Consus



MATERIAL DATA SHEET

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We can accept no responsibility for loss or damage which may result from accident, misuse or operations not under our direct control.
