



Treat the Metal Don't Just Coat It





**Better, Safer
and Much More
Affordable**

Stop coating the metal, start treating it!

CORRIZON is not a coating but a metal treatment solution. CORRIZON is a water-based primer that penetrates rust, stops corrosion and protects your base metal.

Save 70% or more on preparation costs

CORRIZON does not require sandblasting or any other heavy surface preparations. Simply power-wash and apply.

Keep your employees and the environment safe

CORRIZON is 100% eco-friendly and hazard-free, so you can rest assured that your staff and the environment are safe.



CORRIZON BASE

Putting an End
to Corrosion
Everywhere

CORRIZON-BASE is a single component waterborne base metal protective solution.

It has anti-corrosion properties and acts as an oxygen-scavenger that penetrates metal substrates, replaces oxygen molecules with its active ingredient, thus prevents corrosion from recurring.

CORRIZON-BASE has excellent chemical resistance to splash/spillage, fumes and immersion in natural, fresh and salt water.

**Better
Protection**

**How Does
It Work?**

Prevent Corrosion at Its Core

Oxygen

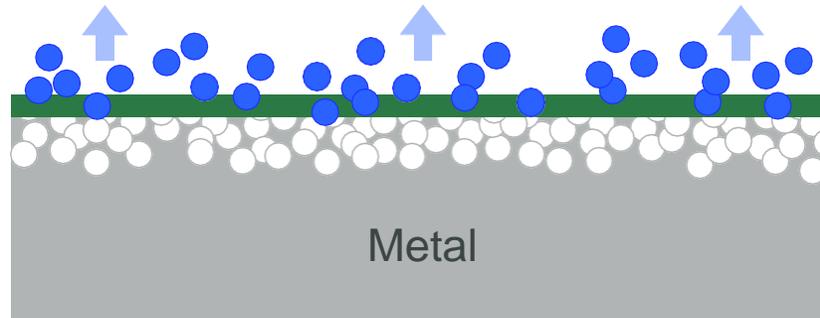
1



Before treatment:
Oxygen is in the
base metal.

Oxygen
CORRIZON

2



After CORRIZON has been
applied, oxygen is being
released from the metal.

CORRIZON
ionically bonded
with metal

3



CORRIZON penetrates the
metal, replaces the oxygen
molecules and creates an
anti-corrosive barrier
inside the metal.



Simple Application

Fast.
Effective.
Simple.

Applying CORRIZON typically requires pressure wash to degrease and pressure wash again. As long as there is no loose debris, CORRIZON will encapsulate and penetrate tightly adhered rust and through to the substrate.

- 1** Apply CORRIZON-BASE in a thin layer up to 50 microns wet film thickness, without overlapping.
- 2** After drying for 15-120 min. depending on conditions, apply a second layer to the non-coated areas.
- 3** Where needed, use a paint brush to get to difficult to reach areas. Be careful not to over coat.

Save Money & Time

No sandblasting = Huge savings!

The highest costs in time and money for any repair/maintenance schedule can usually be found in preparation, equipment and labor.

The most obvious advantage of CORRIZON is requiring less costs in each of the above resources.

Sandblasting and hand-tooling/grinding costs that meet standard preparation requirements (SSPC, ASTM, etc.), will usually far exceed the price of a CORRIZON treatment and related installation protocols.

CORRIZON BASE 30 mic DFT		Paint 300 mic DFT		Savings
Action	Cost per m ² in USD	Action	Cost per m ² in USD	
Clean and free of grease, oil and other foreign materials in accordance with SSPC-SP-1, with high pressure water jetting	4.0	Sandblasting to S.A 2.5	20.0	80%
Application 50 micron wet (30 mic DFT) material	2.6	Base coat 200 mic wet (100 mic DFT)	2.4	-8%
+2.5 labor	2.5	+2.5 labor	2.5	0%
Top coat 200 mic wet (100 mic DFT)	2.4	Top coat 200 mic wet (100 mic DFT)	2.4	0%
+2.5 labor	2.5	+2.5 labor	2.5	0%
		Top coat 200 mic wet (100 mic DFT)	2.4	100%
		+2.5 labor	2.5	100%
Total per m²	14.0	Total per m²	34.7	60%

Save Money & Time

Examples

		CORRIZON BASE 30 mic DFT	Paint 300 mic DFT
	80m diameter Oil tank 10,000m ²	\$140,000	\$347,000
	Ship 17,000m ²	\$238,000	\$589,900
	20" Pipe 40KM long outside only 63,837m ²	\$893,718	\$2,215,144



Keep Everyone Safe

Yes, we have
UL Greenguard
Gold Certificate

CORRIZON-Base complies with the UL GREENGUARD Gold Standard. GREENGUARD Gold Certification offers stricter certification criteria, considers safety factors to account for sensitive individuals, and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED) Building Rating System.



Gold Standard for chemical Emissions for Building Materials Finishes and Furnishings. UL 2818:2013

	Environment	TVOC	Formaldehyde	Total Aldehydes	CREL / TLV
GREENGUARD	Office	✓	✓	✓	✓
GREENGUARD Gold	Office	✓	✓	✓	✓
	Classroom	✓	✓	✓	✓

✓ - meets criteria ✓* - meets within 25% X - over by more than 25% of criteria

Standards and Certification

We have what you need

DNV GL class programme
DNVGL-CP-0109 - Type approval -
Shop primers for corrosion protection
of steel plates and sections.
Products approved by this certificate
are accepted for installation on all
vessels classed by DNV GL.

TYPE APPROVAL CERTIFICATE

This is to certify:
That the Shop Primers

with type designation(s)
CORRIZON™ - Base primer

Issued to
GREEN ICPS LTD.
TIRAT CARMEL, Israel

is found to comply with
DNV GL class programme DNVGL-CP-0109 – Type approval – Shop primers for corrosion protection of steel plates and sections

Application :
The shop primer is approved for application on blast cleaned steel plates and sections

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

DNV·GL
Certificate No:
TAK000017C



Issued at **Høvik** on **2018-05-22**
This Certificate is valid until **2023-05-21**
DNV GL local station: **Haifa**

Approval Engineer: **Gisle Hersvik**

for **DNV GL**

Rikard Törnqvist
Head of Section

Standards and Certification

We have what you need



Occupational Health and Safety
Assessment Series
ISO18001:2007



Environmental Management Systems
ISO14001:2015



Quality Management Systems
ISO9001:2015

Scientifically Proven

Accredited lab test results summary

Metallurgic tests have shown that even after **3,600 hours** in a salt-spray chamber, no rust was observed on the base metal and that there was no change in the mechanical properties of the steel.



- Metallurgic Testing



- Metallurgic Testing
- Cement Testing



- Electrical Metal Testing



- Metallographic sections



- UL Environmental Testing



Industries Using CORRIZON

Some of the
sectors that love
our products

MARINE

CORRIZON has been used on various ship decks and stacks, providing corrosion resistance while being compatible with most marine top coats.

OIL & GAS

Offshore oil rigs are an ideal application where sandblasting and grinding are usually not possible. CORRIZON protects without the need for heavy preparations.

INFRASTRUCTURE

CORRIZON-CONCRETE has the ability to penetrate reinforced concrete and reach the rebar. Once it has reached the rebar, CORRIZON then protects the metal against corrosion.

MINING

CORRIZON is an ideal corrosion countermeasure for mining operations where safety and maintenance are constantly a strain on the workforce.



Thank You.

RIG.

Authorized distributor Romania

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