

Colorworks

MOBILE PAINTING



For an ideal indoor climate

An ideal indoor climate starts with Coilprotector®

An ideal indoor climate is achieved through the proper working of the HVAC equipment. These machines however are placed in areas where they are subject to aggressive atmospheric influences and pollution. The result is corrosion on these expensive installations.

The Coilprotector® process provides protection against corrosion on your HVAC equipment. It reduces the amount of failures, breakdowns and damage to the machines. The treatment prolongs life of the units and ensures lower operational costs.

Coilprotector® is an anti corrosion treatment that can be applied to all types of heat exchangers such as rooftop units, air-cooled liquid chillers and air handling units. Coilprotector® can be applied on new as well as installed units.

Maintenance guarantee plan

Additional it is possible to set up a maintenance guarantee program with our specialists. With a maintenance guarantee plan we make sure that the maximum

performance and lifespan of the unit is achieved. Upon entering in such a maintenance guarantee plan Colorworks will perform regular inspections and cleaning activities. There are various flexible guarantee terms available.

By having your units treated with Coilprotector® you are investing in a hassle free future. A team of our people is at your disposal to answer all you queries about corrosion problems on new and existing units.

The process in 7 steps:

1. Inspection and cleaning

The heat exchanger is inspected and dry pollution removed with a vacuum system. A high pressure water clean with biodegradable products.

2. Alignment of the fins

The fins of the heat exchanger are aligned with a special comb in order to restore the air intake fin surface.

3. Anti- corrosion treatment

Corrosion is removed by using a mild acid and high pressure water.

4. Cleaning

The heat-exchanger is flushed with clean water prior to the conversion treatment.

5. Conversion layer

With special high pressure spray equipment the conversion coating is applied.

6. Drying

The conversion coating must be completely dry before the top coat is applied.

7. Top coat Coilprotector®

Finally Coilprotector® is applied to protect the heat exchanger against atmospheric influences.



The effects of pollution and atmospheric influences on the equipment.



Pre treatment of condenser prior to the coating process.



A Condenser treated with Coilprotector®



A coated unit for the ultimate protection.

Technical specifications:

Coating type:	moisture cured aluminium impregnated polyurethane
Coating color:	silver
Pretreatment:	conversion coating

Air inlet duct renovation

The part of a climate system that often is forgotten is the Air inlet duct before the air reaches the Air handling unit where corrosion, pollution and bacteria can flourish.

Every part of the air inlet duct requires its own cleaning method. Cleaning fragile noise reducers is a delicate job and should only be undertaken by our specialists. The ducts are entrusted, cleaned and treated with a primer before a chemical resistant top coating is applied.



The process of entrusting, cleaning, primer treatment and finally the chemical resistant top coating.

Air handling unit renovation

The most important part of the climate system that needs to remain in an optimal condition is the Air handling unit.

The air is being filtered, heated, cooled and moisturized to create the ideal indoor climate. After cleaning the unit with biodegradable products, rust spots will be deoxidized and treated with a primer before a chemical resistant top coating is applied. The floors are provided with a high chemical resistant self leveling coating.



Dismantling.



Pretreatment: entrusting and primer treatment.



Application top coating and floor coating.



Assembly.

Floor renovation

With engine rooms and garages it is of great importance to have a floor that reduces the possibility of environmental damage.

The choice of pre treatment and type of coating used depends on the quality of the floor that requires the treatment. It can be grinding or sandblasting or a combination to remove old coating or pollution. With high level differences it can be milled before it is equalized after which the coating process can begin.



Sandblasting...



...grinding...



...and finally the endresult a hard, abrasion resistant topcoat.

YOUR ADVANTAGES

An Ideal indoor climate

Protection against corrosion

Energy saving

Less breakdowns

Longer life

Lower operational costs

Applicable to new and
installed equipment



For an ideal indoor climate

Colorworks
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De Groes 6, 3998 MA Schalkwijk
The Netherlands
T +31 (0)6 1297 28 55

www.colorworksmp.eu