



**THERMOGUARD**

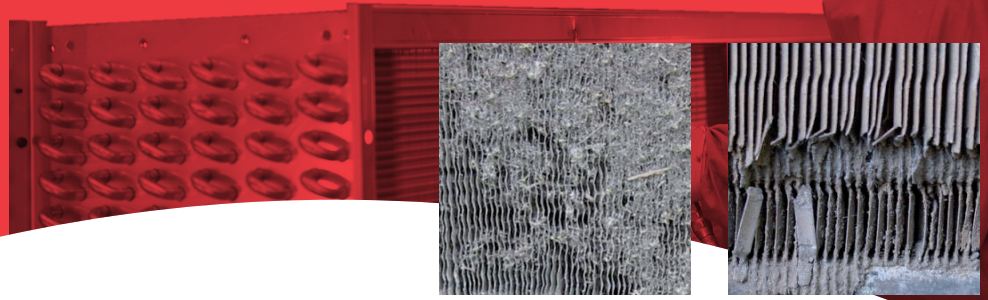
## Corrosion Protection For HVAC Equipment

Coil Coating  
Coil Reconditioning  
Casing Coating

Thermoguard® is a trademark of Goldstar BV

# Finguard

Increased power consumption  
Reduced cooling capacity  
Reduced lifetime  
High pressure failures



The capacity of a heat exchanger originates from the absorption or rejection of heat from the aluminium finned surface.

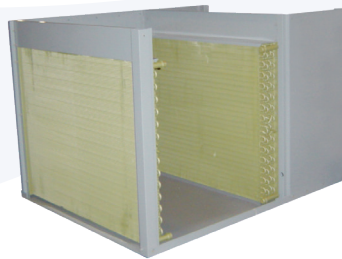
The coolant travels through the copper tubes transporting the heat throughout the system. When corrosion is present, it deteriorates the finned surface area and/or the bonding between aluminium fins and copper tubes (known as galvanic corrosion); therefore the capacity of the heat exchanger can deteriorate substantially. Air conditioning can consume 60% of the electricity bill of an average office building, if coils are not protected from corrosive elements, operating costs will accumulate rapidly.

## Benefits

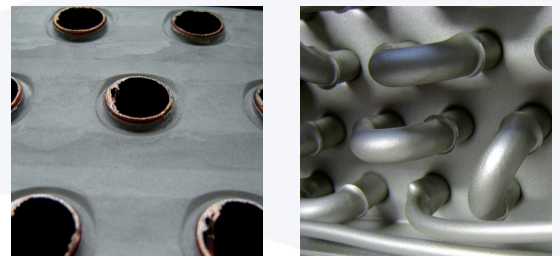
- Contains aluminum flakes
- Heat conductive
- Polyurethane base
- Flexible to cope with expansion and contraction
- Minimal layer thickness
- Prevents bridging and pressure drop
- Spray technique
- On-site or factory application
- UV Resistant
- No cracking after exposure to sunlight
- Fast drying
- Short turn around time

# Casing Guard

Secure Nominal Performance  
Prevent Early Replacement  
Save Money  
Reduce Energy Costs



The Thermoguard coating process and its product properties are unique. Total penetration is secured through an in-house developed spray technique. Product properties provide extreme durability and meet all the necessary requirements for HVAC equipment to work efficiently, providing the best corrosion protection system. The flexible and heat conductive coating creates the perfect shield from the environment and even migrates between the small spaces between fin and tube. The Thermoguard coatings show no cracking, no bridging and can be applied in the field as well as in our factory.



## Benefits

- UV resistant
- No color fading
- Polyurethane based
- Flexible layer
- Fast drying
- Short turn around time
- Smooth finish
- Reduce pollution adherence
- 2 component
- Adhesion to most substrates
- Dense cross linked polymer
- Extreme corrosion protection

## Corrosion Protection For HVAC Equipment

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