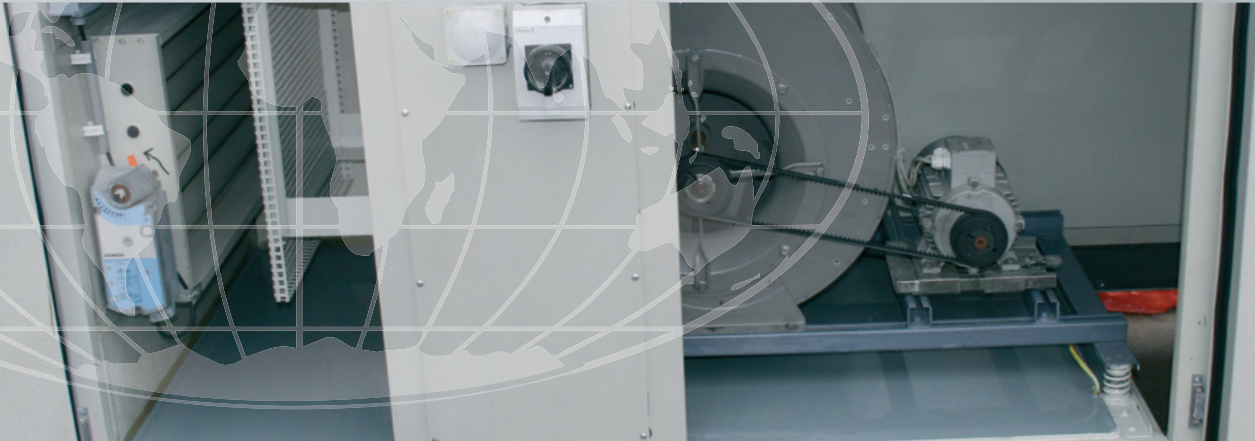


Product Sheet

HVAC Refurbishment



PROBLEM

Cooling towers and air handling units are continually exposed to pollution, corrosion and contamination. In time this exposure will result in:

- The installation becoming a source of microbiological contamination
- Early deterioration
- Increase of power consumption
- Decrease of performance

Besides standard maintenance a thorough refurbishment is required periodically to ensure optimal performance and to prevent early replacement.



WHY USE HVAC REFURBISHMENT?

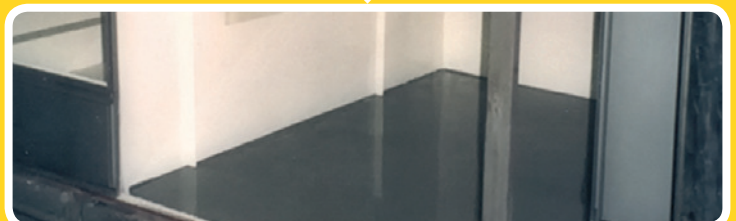
- To prevent early deterioration & capacity loss
- To decrease power consumption
- To ensure hygienic operation

SOLUTION

Blygold offers a complete refurbishment program that brings HVAC equipment back to optimum performance, hygienic levels and greater life expectancy. Blygold refurbishment procedures help maintain a trouble free environment for their customers.

BLYGOLD REFURBISHMENT CONSISTS OF:

- Chemical cleaning
- Corrosion protection of all metal surfaces
- Chemical resistant cast floor application
- Hygiene surface treatments
- Coil treatments



HVAC Refurbishment

BLYGOLD SURFACE TREATMENTS

Blygold renovation procedures for air handling units and cooling towers have proven themselves not only in lab conditions but also in the field for the last 20 years. The new solvent free coating system makes it possible to coat indoors without the nuisance of VOC odors. Self levelling cast floors provide a sealed, smooth and strong floor in AHU's and cooling towers.

Standard

Coating	Description	Dry layer thickness
9977	chemical resistant cast floor	450 µm
3509	rust penetrating primer	70 µm
3510	corrosion protection layer	100 µm
3100 VF	dirt and contamination repellent, high solid finishing	70 µm

Solvent free

Coating	Description	Dry layer thickness
9977	chemical resistant cast floor	450 µm
2509	rust penetrating primer	2x 70 µm
3100 VF	dirt and contamination repellent, high solid finishing	70 µm



Health complaints in 61 office buildings

HEALTH COMPLAINTS	AVERAGE (%)	HIGHEST (%)
eyes	19,5	39,5
nose/throat	23,3	45,1
neurological	20,3	51,3
fever	8,8	33,3

CLIMATE COMPLAINTS

temperature	54,6	89,3
air quality	45,7	82,3
lighting	30,0	53,3
dry air	43,5	80,2

SOURCE: Dutch ministry of VROM

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