

HVAC Refurbishment



PROBLEM

Cooling towers and air handling units are continuously exposed to pollution, corrosion and contamination. In time all installations will suffer from these exposures which will result into:

- 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 replacements.



WHY USE HVAC REFURBISHMENT?

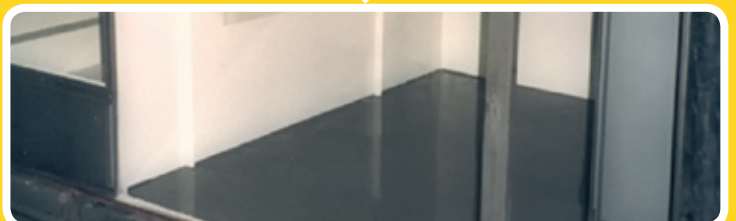
- To prevent early deterioration & capacity loss
- To decrease power consumption
- To ensure hygienic operation

SOLUTION

Blygold offers a complete refurbishment program that provides customers the possibility to bring HVAC equipment back to nominal performance, hygiene en life expectancy. Blygold refurbishment procedures limit the nuisance for customers to the minimum.

BLYGOLD REFURBISHMENT CONSISTS OF:

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



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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	70 µm
3100 VF	dirt and contamination repellent, high solid finishing	70 µm

Solvent free

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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

CONTACT

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YOUR LOCAL BLYGOLD APPLICATOR