

IAQ PARTICLES

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INTERNAL DUCT LINER REPAIR

An Alternative to Expensive Ductwork Replacement

Replacement of worn, disintegrating, or microbial-contaminated internally-lined ductwork typically requires expensive building renovation costs to remedy. Located above ceilings or behind load-bearing walls, ductwork is often intertwined between steam, hot, or cold water plumbing; electrical conduit; or telephone/internet/security wiring, all requiring time-consuming disassembly and reconstruction. Duct liner repair coatings, approved by the EPA and NFPA for use inside air conveyance systems, provide a cost-effective alternative to expensive ductwork replacement.

High performance coatings can repair and reinforce duct liner insulation as well as provide resistance to growth of microbial contaminants. Cleaning of a lining's surface followed by an application of an EPA-approved coating typically costs less than 10% of ductwork replacement.

Mold-Contaminated Insulation



Ductwork before & after HEPA vacuum treatment

Coating Treated Insulation



Ductwork after high performance repair coating

PART has successfully provided this service for hospitals, universities, research facilities, food processing and distribution companies, schools, manufacturing facilities, office buildings, and multi-family dwellings. Selection of the most cost-effective methods will depend upon condition of insulation, size of ductwork, and accessibility to the ductwork.

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PART Capabilities

HVAC System Cleaning and Maintenance Services

- ◆ Air Handler Unit Cleaning and Disinfection
- ◆ Commercial Coil Cleaning - Deep Cleaning
- ◆ Fiberglass Lining Repair or Replacement
- ◆ Air Duct Cleaning and Disinfection
- ◆ Microbial Remediation of Lined Ductwork
- ◆ Fire Damper Maintenance and Documentation

The statements in this document are intended solely as guidance and are not intended as regulatory policy. If you have any technical questions or comments, please contact **Barry Harris** by phone at **636-305-8881** or by e-mail at barry.harris@part-llc.com.



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