Synexis® DHP™ Technology: Mitigating Indoor Mold

Synexis, a data-driven company, strives to validate all laboratory testing with real-world evidence. The following three case studies are real-world examples of how the Synexis System effectively reduces and maintains decreased levels of airborne mold through constant suppression using Synexis DHP™ technology.
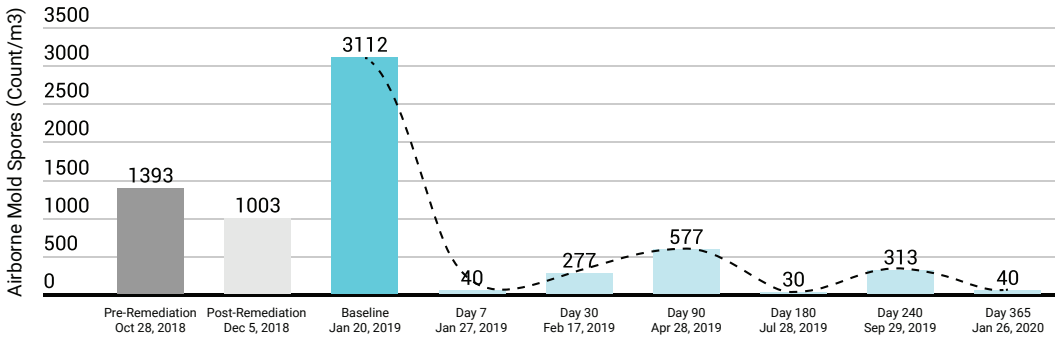
Lab Data
>99%
A. niger (Black Mold)

Reduction in air at 2 hours[1] and >90.8% reduction on surfaces at 24 hours.[2]

Case Study #1

FAST-FOOD CHAIN RESTAURANT | DINING ROOM, SERVICE AREA, AND KITCHEN

A restaurant became very concerned about mold after an investigation of an employee's illness determined mold was the cause. To combat the overwhelming population of mold, the restaurant hired a remediation company to remove the mold deposits. There was only temporary success. Synexis DHP™ technology reduced levels of airborne mold by 95% within 7 days and established a new steady state.

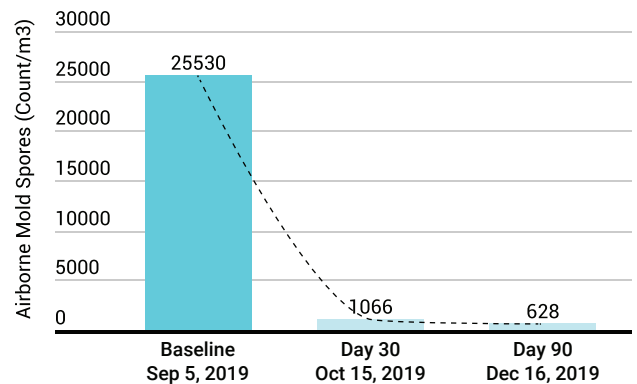**Reduced Airborne Mold (Counts/m3) in 7 Days:**

- *Aspergillus/Penicillium − 98.8%*
- *Basidiospores − 61.5%*
- *Cladosporium − >99%*
- *Epicoccum − >99%*
- *Myxomycetes − >99%*

Case Study #2

POST-HURRICANE DORIAN RETAIL STORE IN SAN JUAN CLOTHING STORE

Hurricane Dorian hit on August 26, 2019 and led to massive amounts of mold growth at a retail clothing store in San Juan, Puerto Rico. The store had to dispose of considerable amounts of inventory.
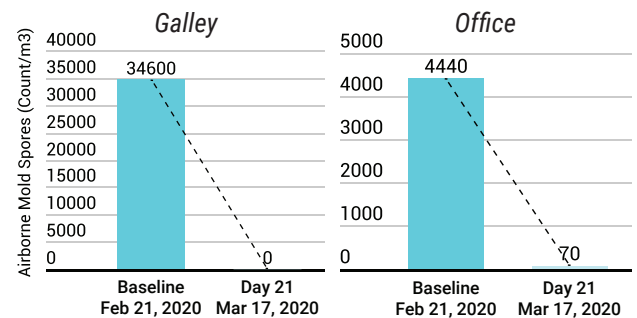
Using the Synexis System, the mold counts in the store plummeted by 95.8% in the first 30 days.

Case Study #3

OFFSHORE OIL RIG | GALLEY AND OFFICE

Offshore oil rigs battle some of the most dangerous elements and provide the perfect conditions for harboring mold. By deploying the Synexis System, see how the airborne mold counts were kept at bay.

REFERENCES:
1. Data on File. SYN-0006.
2. Data on File. SYN-0010.