



## Heat Eradication Chart

Target Contaminant Mold	Lethal Temp*	Duration*	Reference
Stachybotrys chartarum	140F / 60C	30 Minutes	Compendium of Soil Fungi, pg., 745
Aspergillus alutaceus	144F / 62C	20 Minutes	Compendium of Soil Fungi, pg., 82
Aspergillus ustus	144F / 62C	25 Minutes	Compendium of Soil Fungi, pg., 119
Aspergillus niger	145F / 63C	25 Minutes	Compendium of Soil Fungi, pg., 103
Alternaria alternata	145F / 63C	25 Minutes	Compendium of Soil Fungi, pg., 36
Wood Fungi (Staining Fungi)	151F / 66C	75 Minutes	Compendium of Soil Fungi, pg., 106 (Chidester, 1937, 1939)
Basidiomycotina	122F / 50C	N/A	Compendium of Soil Fungi, pg., 107 (Hulmes, Franks)
Poria – Wood Eating Fungi (Meruliporia Incrassata)	151F / 66C	75 Minutes	Compendium of Soil Fungi, pg., 106 (Chidester, 1937, 1939)
Fomes (Fomitopsis Rosea)	140F / 66C	75 Minutes	Compendium of Soil Fungi, pg., 106 (Chidester, 1937, 1939)

## Time Required for 100% Mortality of Insects

Temp* (°F)	German Cockroach Male Adult (Minutes)*	Flour Beetle Adult (Minutes)*	Drywood Termite Nymphs (Minutes)*	Argentine Ant Adults (Minutes)*
115	58	123	265	8
120	27	16	30	4
125	16	9	10	2.5
130	7	4	6	1

Time required for 100% mortality of four species of insects at four temperatures (Forbes and Ebeling 1987).

\*The data in these charts do not necessarily reflect the temperatures and durations used in the ThermaPure® process.

-- Disinfect Your Building with Heat® --