

Client: EMLab P&K (QA)
C/O: Mr. Quality Control
Re: Sample Report

Date of Sampling: 01-11-2013
Date of Receipt: 01-11-2013
Date of Report: 01-11-2013

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 1, Outside Reference

Fungi Identified	Outdoor data	Typical Outdoor Data for: January in Wisconsin† (n‡=78)						Typical Outdoor Data for: The entire year in Wisconsin† (n‡=3046)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	13	-	-	-	-	-	18	13	22	67	200	330	65
Bipolaris/Drechslera group	-	-	-	-	-	-	1	7	7	13	27	49	10
Chaetomium	-	-	-	-	-	-	4	7	13	22	23	40	4
Cladosporium	1,200	13	27	67	200	490	76	89	180	910	3,400	6,500	91
Curvularia	-	-	-	-	-	-	1	7	13	13	27	44	8
Epicoccum	13	-	-	-	-	-	15	13	13	40	110	210	49
Fusarium	13	-	-	-	-	-	< 1	13	13	27	67	85	2
Nigrospora	-	-	-	-	-	-	4	7	13	13	40	67	17
Penicillium/Aspergillus types	640	13	37	80	160	270	60	40	53	160	440	730	56
Stachybotrys	-	-	-	-	-	-	3	12	13	13	30	81	1
Torula	-	-	-	-	-	-	4	7	13	22	47	150	11
Ulocladium	13	-	-	-	-	-	< 1	8	13	13	27	45	2
Seldom found growing indoors**													
Ascospores	320	13	13	33	89	330	27	53	110	450	1,700	3,000	83
Basidiospores	750	13	27	47	160	230	56	90	240	1,300	4,300	7,900	92
Botrytis	27	-	-	-	-	-	< 1	7	13	22	27	44	3
Pyricularia	13	-	-	-	-	-	< 1	7	11	13	24	43	< 1
Rusts	13	-	-	-	-	-	4	13	13	27	80	150	36
Smuts, Periconia, Myxomycetes	40	7	7	13	46	220	38	13	13	44	150	270	61
§ TOTAL SPORES/m3	3,000												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by Eurofins Built Environment Testing and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, Eurofins Built Environment Testing may not have received and tested a representative number of samples for every region or time period. Eurofins Built Environment Testing hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

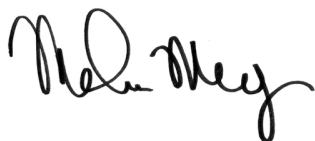
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PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Malcolm Moody

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".