

Finding Mould and Water Damage with an Infrared Camera

Infrared cameras can see temperature differences in surface temperatures. This can be used to “see” irregularities in walls and ceilings arising from the presence of water or other anomalies. Mould needs water to grow so if you can find the water, you can find the mould.



Image A

Image B

Image C

The images above were taken in a home having air quality issues. The first image (A) is what the naked eye sees. No apparent issues with the naked eye. The middle image (B) is what the infrared camera sees. A purple irregularity is clearly seen on the back wall of the shower up by the roof. This is an indication of water intrusion and possible mould growth. Image C shows the wall cavity exposed. Water had compromised the fiberglass insulation and resulted in mould growth in the cavity. Air testing showed elevated presence of aspergillus/penicillium moulds – common problematic moulds when there is a moisture problem in a home.

