

- Luftdichtes Bauen -

Eine gewerkeübergreifende Herausforderung

Praxisbericht Luftdichte Bauweise – Mängel, häufige Schäden und fachgerechte Umsetzung

A schematic cross-section of a house with an orange frame. Blue arrows indicate air leakage paths: through the roof, around windows and doors, and through the walls. The diagram illustrates the complexity of achieving airtight construction across different building trades.

Detlev Liebich, Dipl.-Bauing. (BA)
ISB * IngenieurServiceBau
Brückenstr. 5
D – 09661 Hainichen

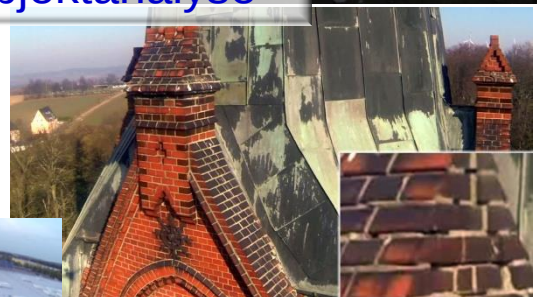
Blower-Door



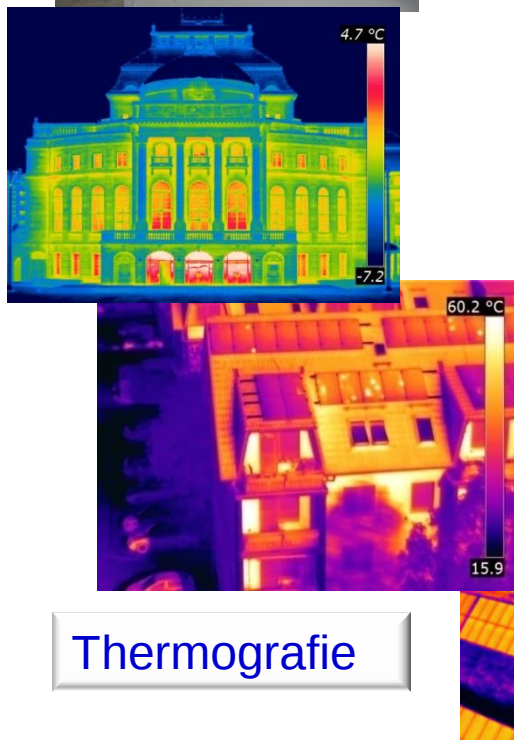
Photogrammetrie



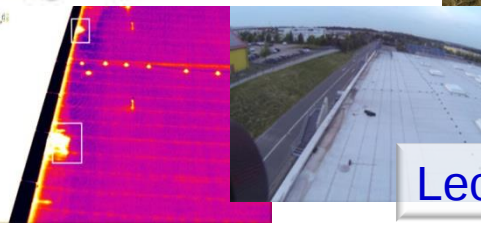
Objektanalyse



Thermografie



Leckageortung





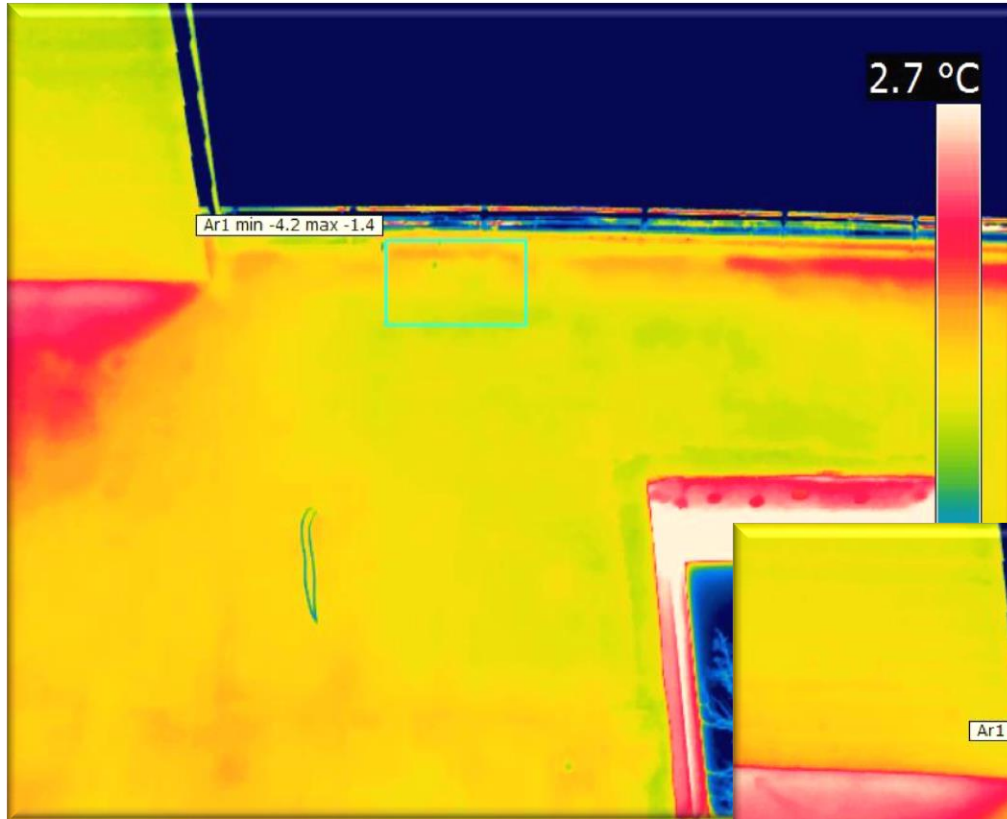
Es war einmal ein Fachmann, der ...



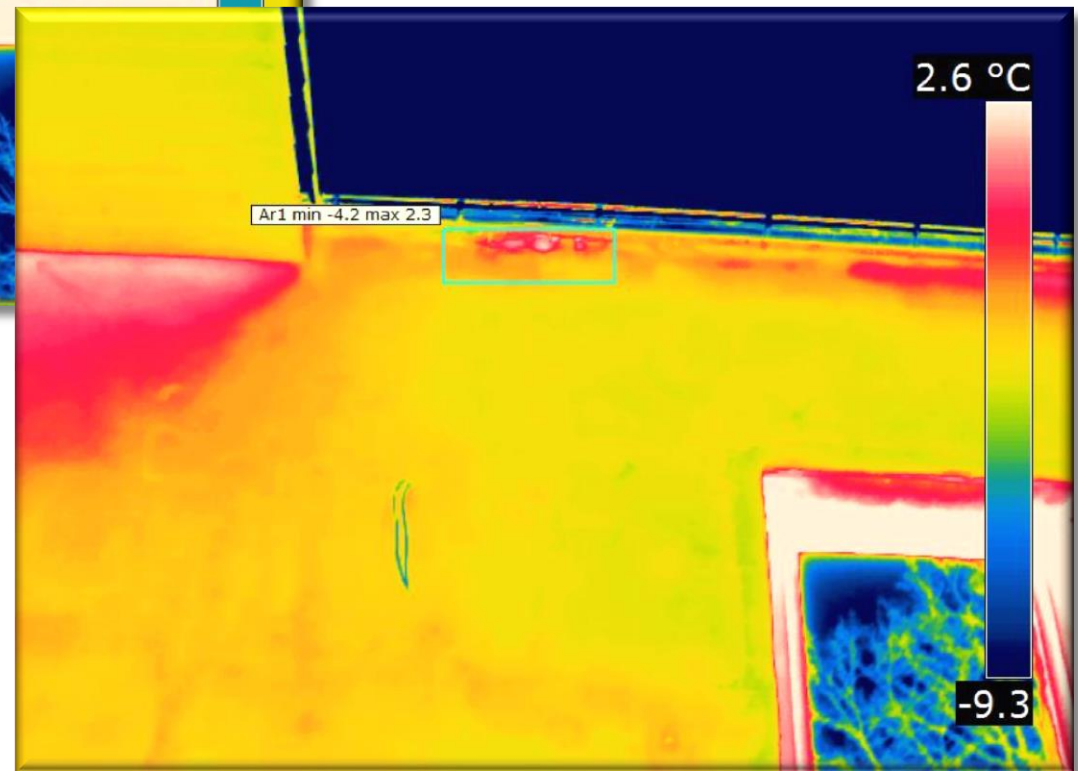
... sowieso alle konnte.







Nach dem Einsatz einer
Blower-Door in der
Überdruckphase und
15 Minuten später





Das kenne wird doch schon!





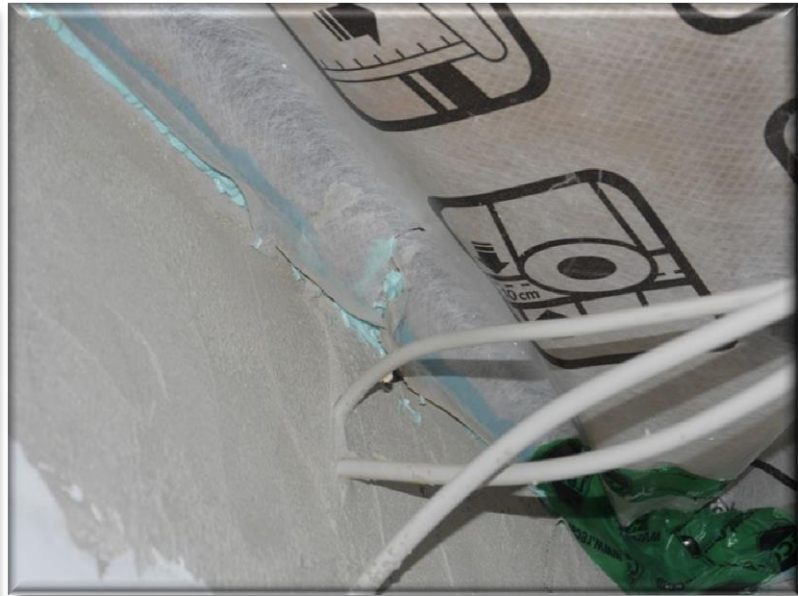
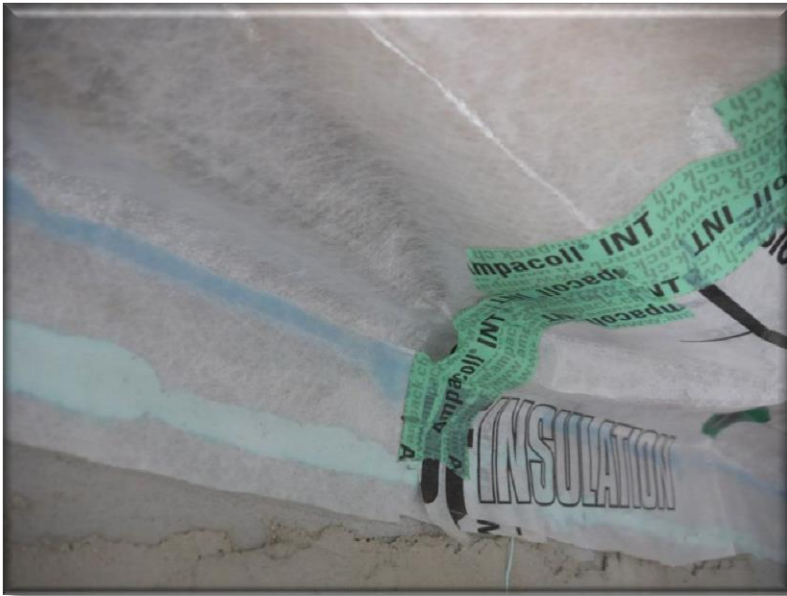
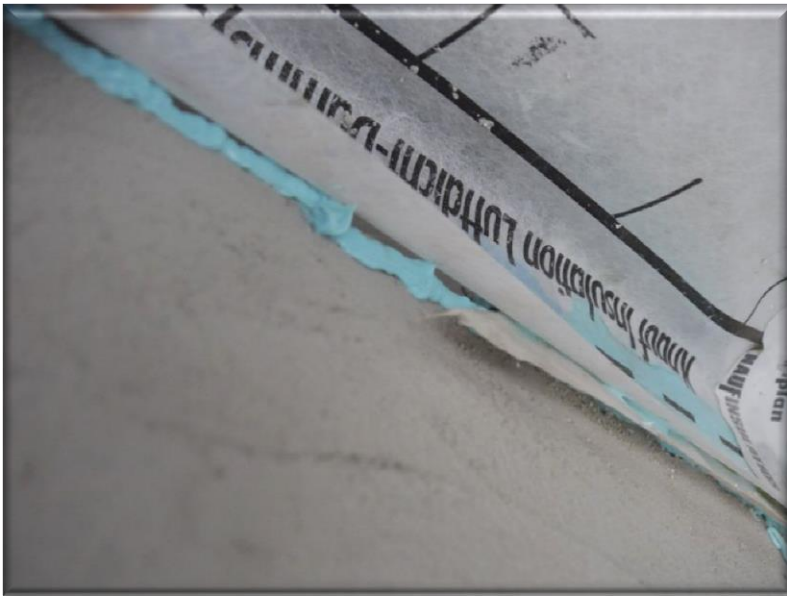
Infiltration von Außenluft durch die Fugen der GK-Platten an der Decke. Vorteilhaft hier, dass die Fugen noch NICHT verspachtelt waren.



Luftströmung an der Durchführung eines Lüftungs-
rohres aus der abgehängten Decke.



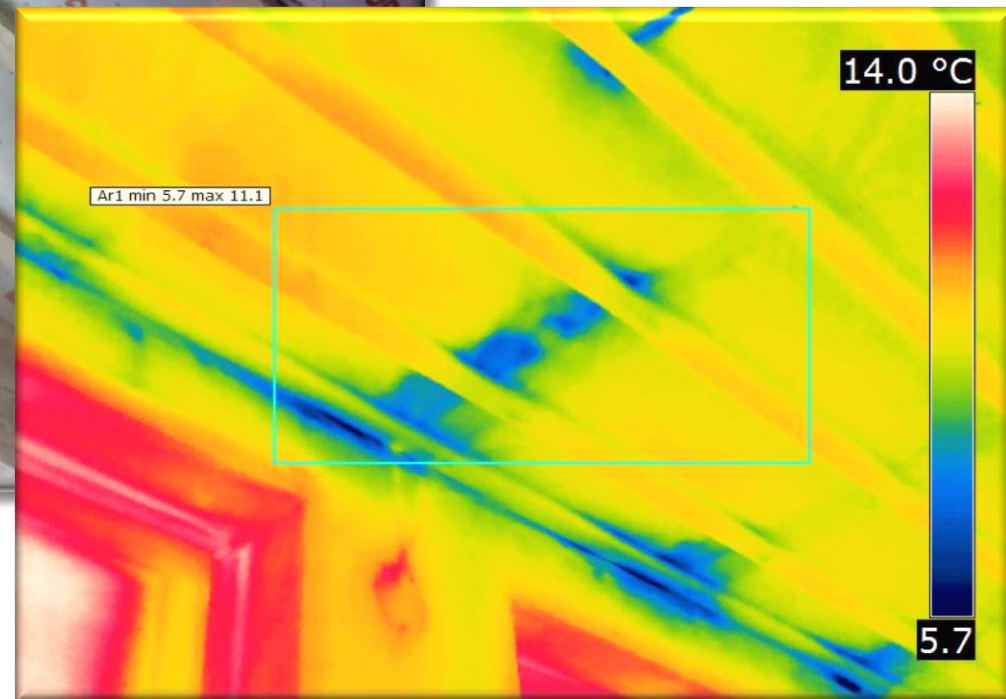


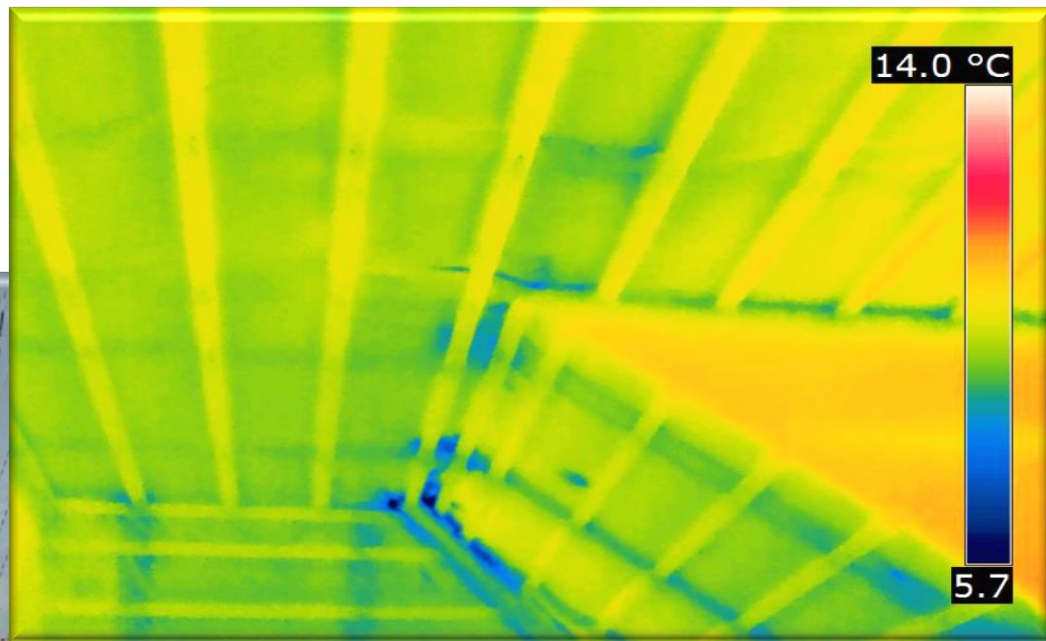




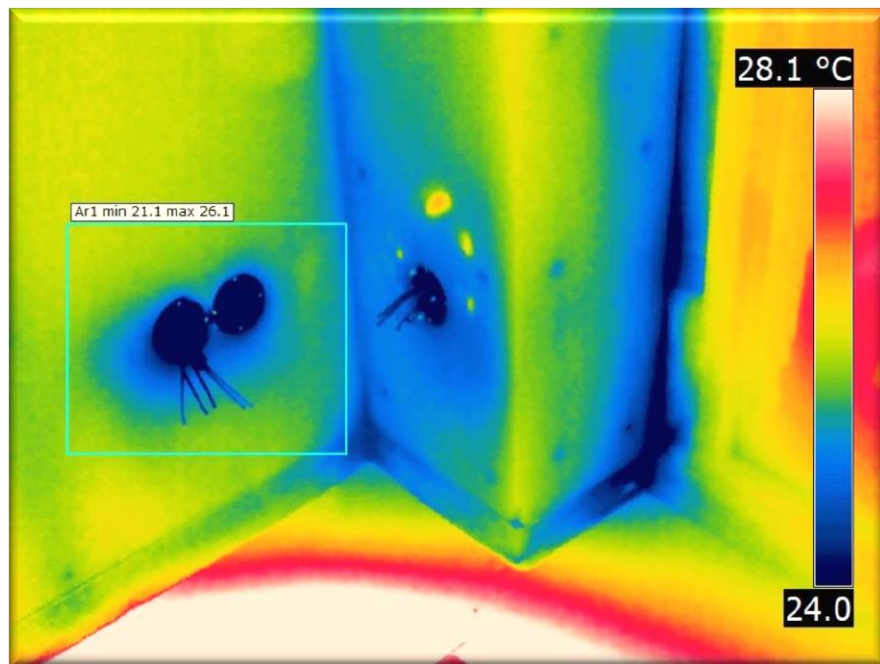
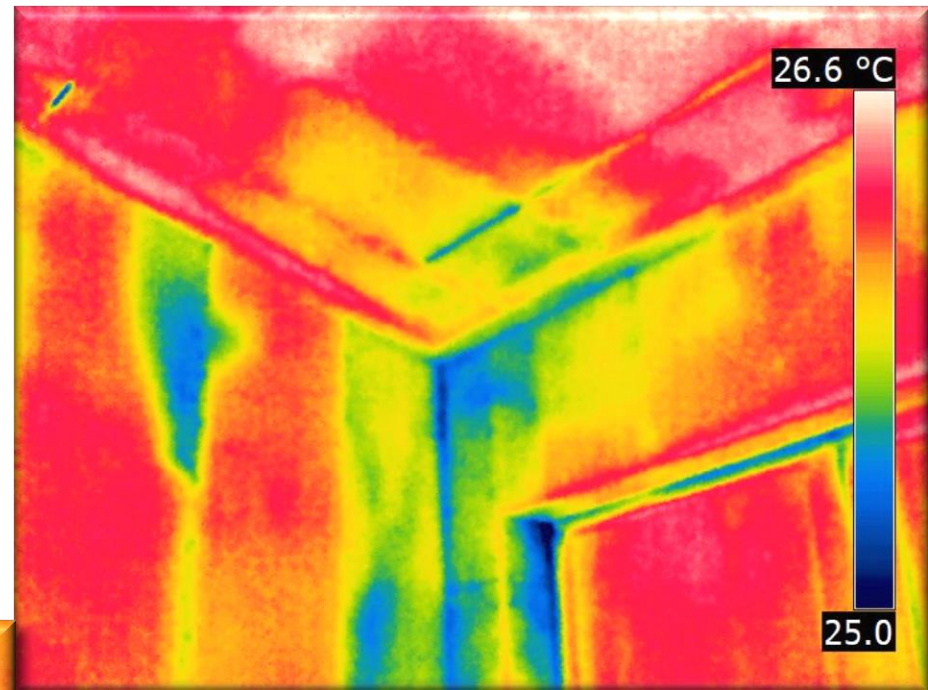
Spalt hinter dem Schornstein zu schmal für eine Anbringung der Dampfbremsebene.



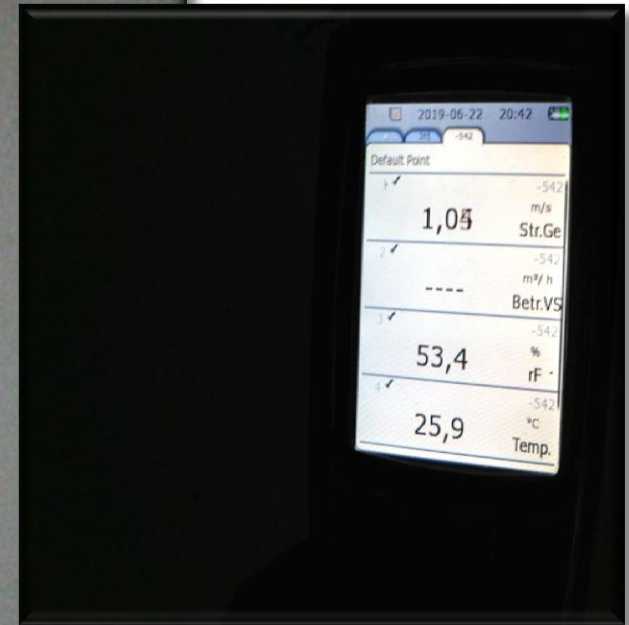




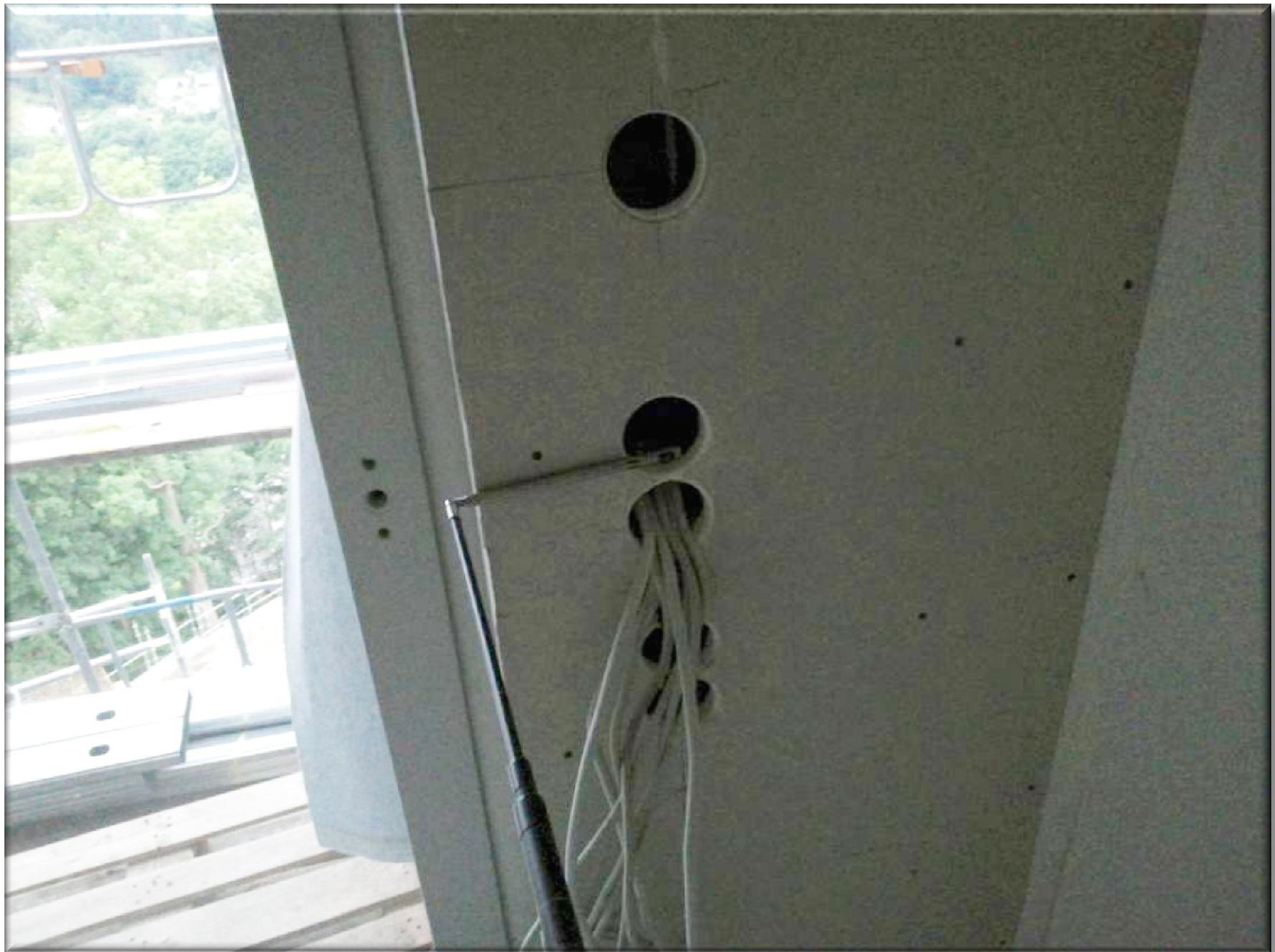


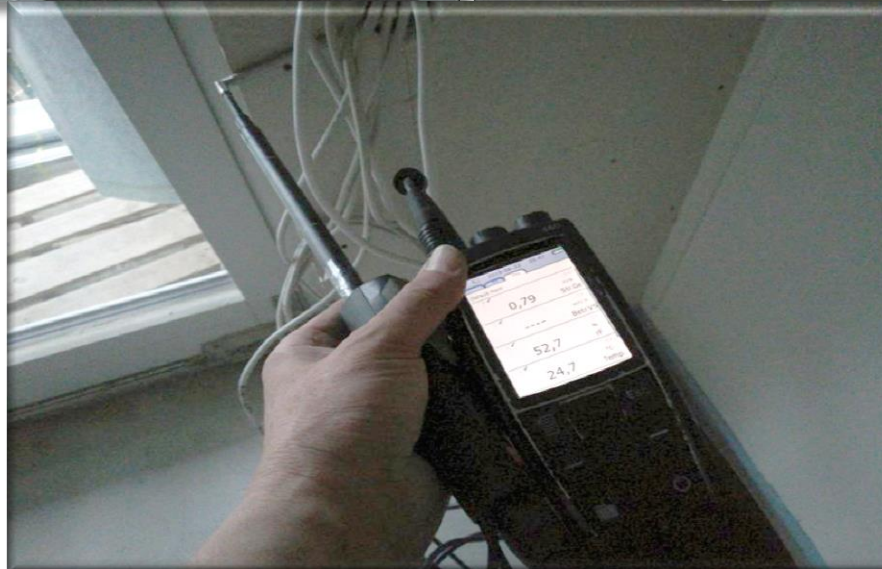
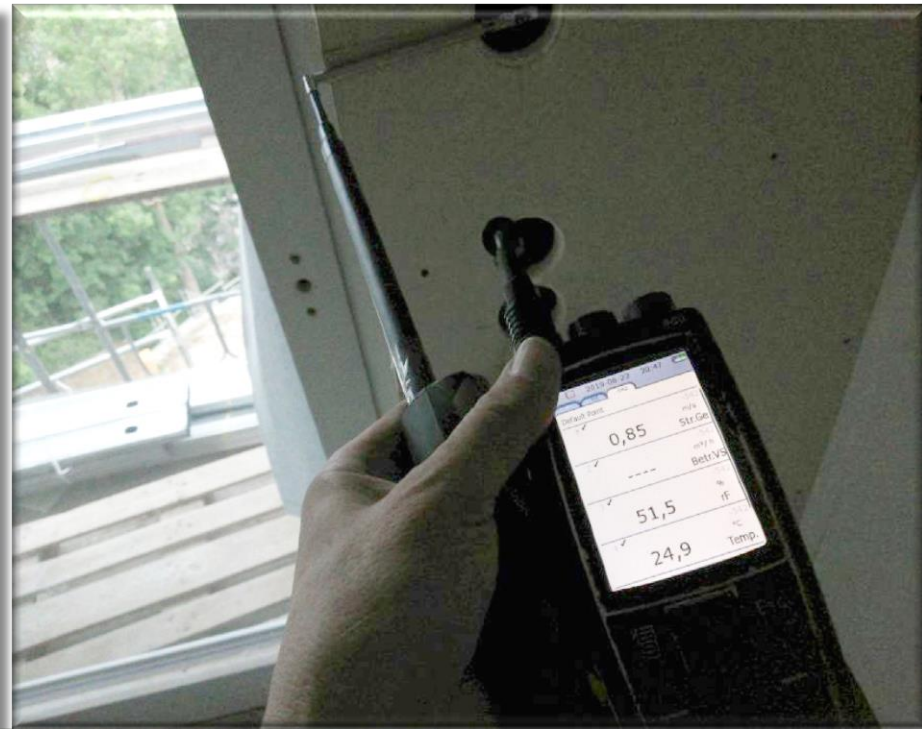
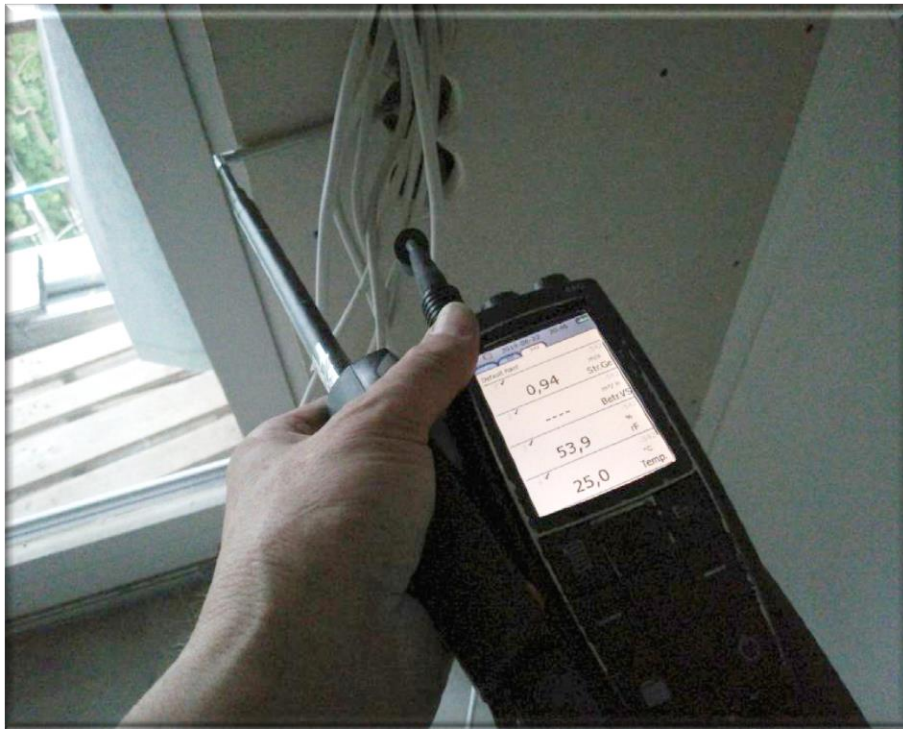


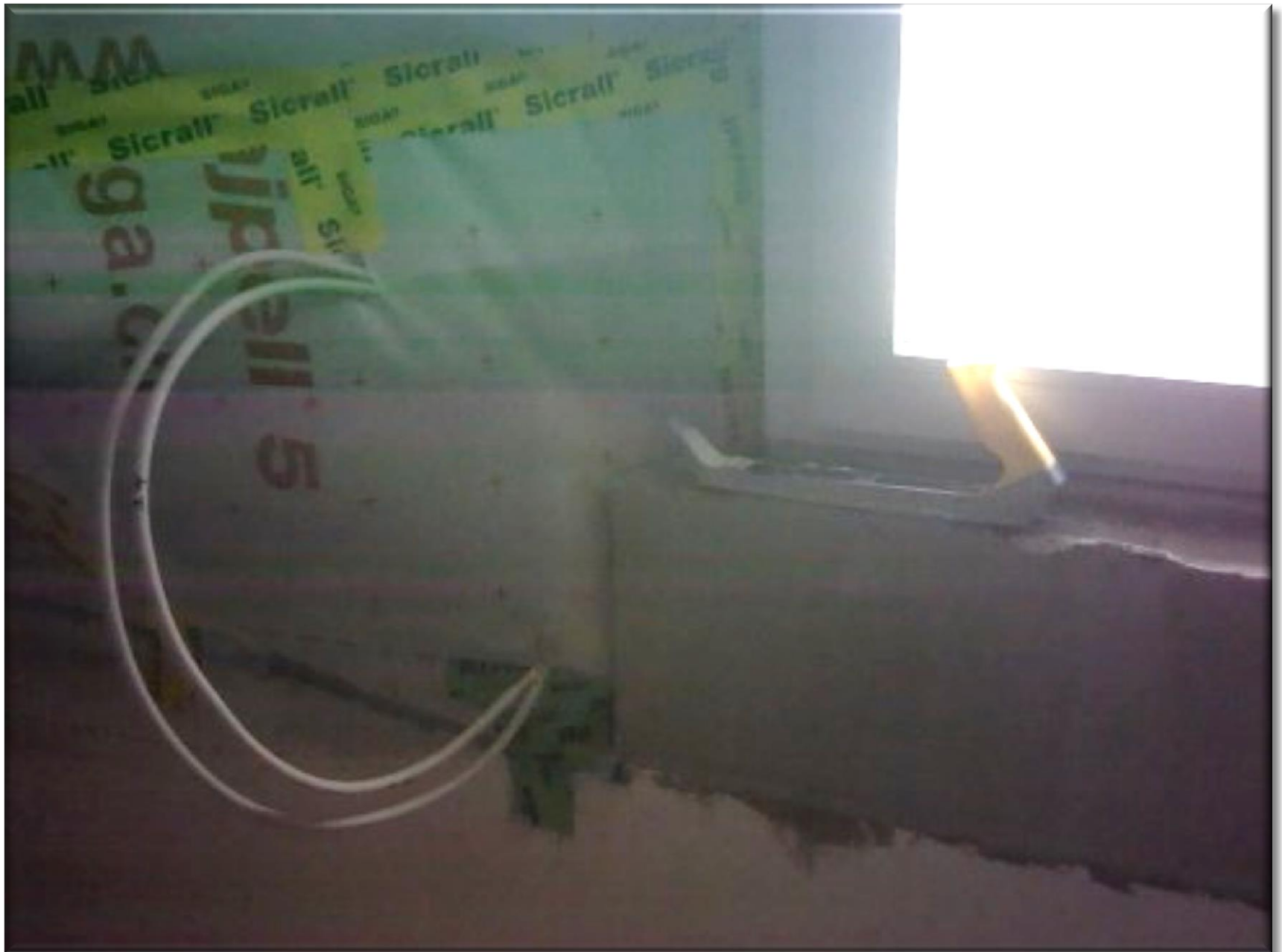


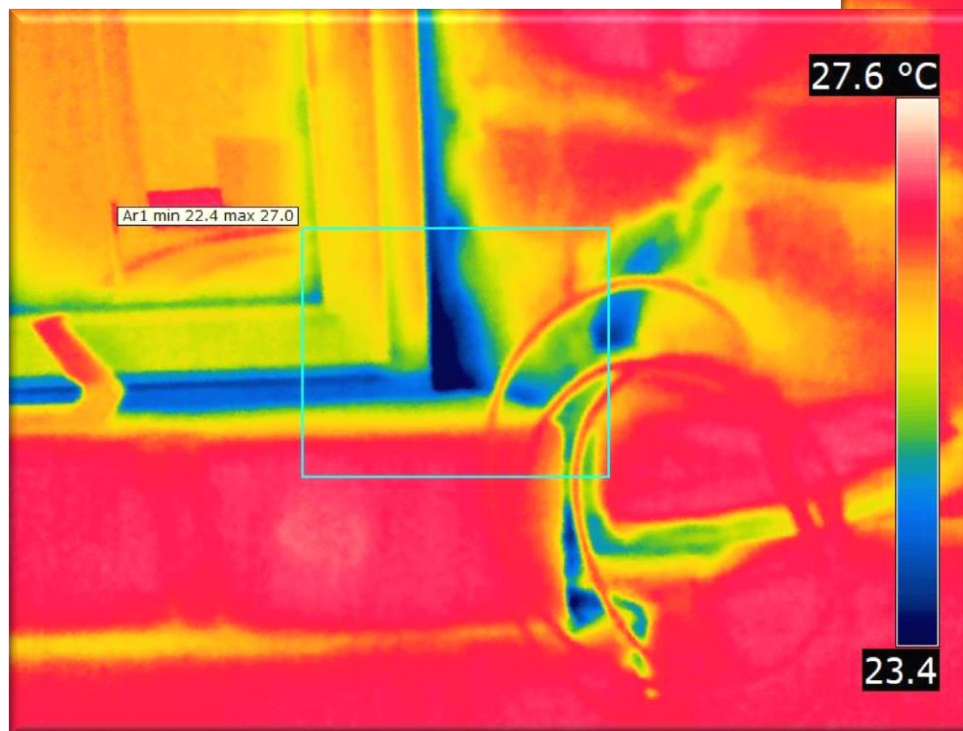
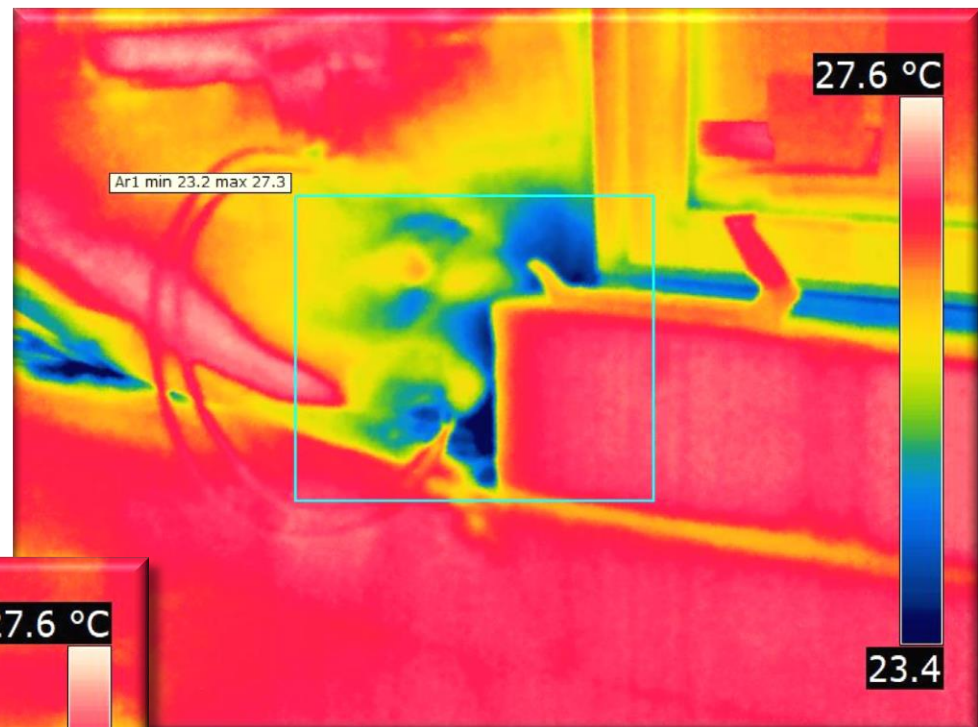


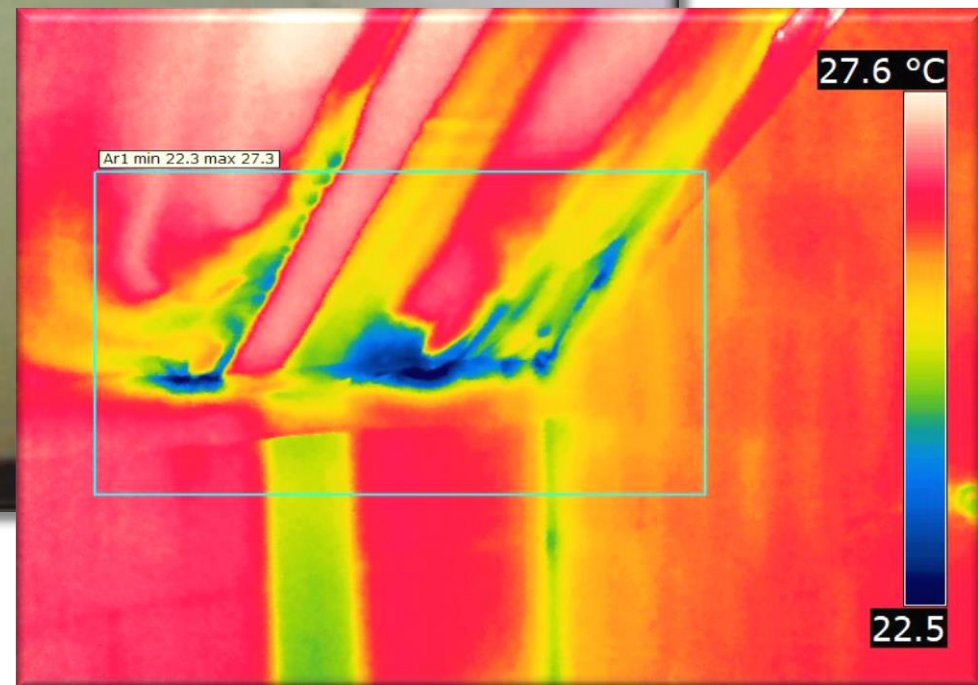


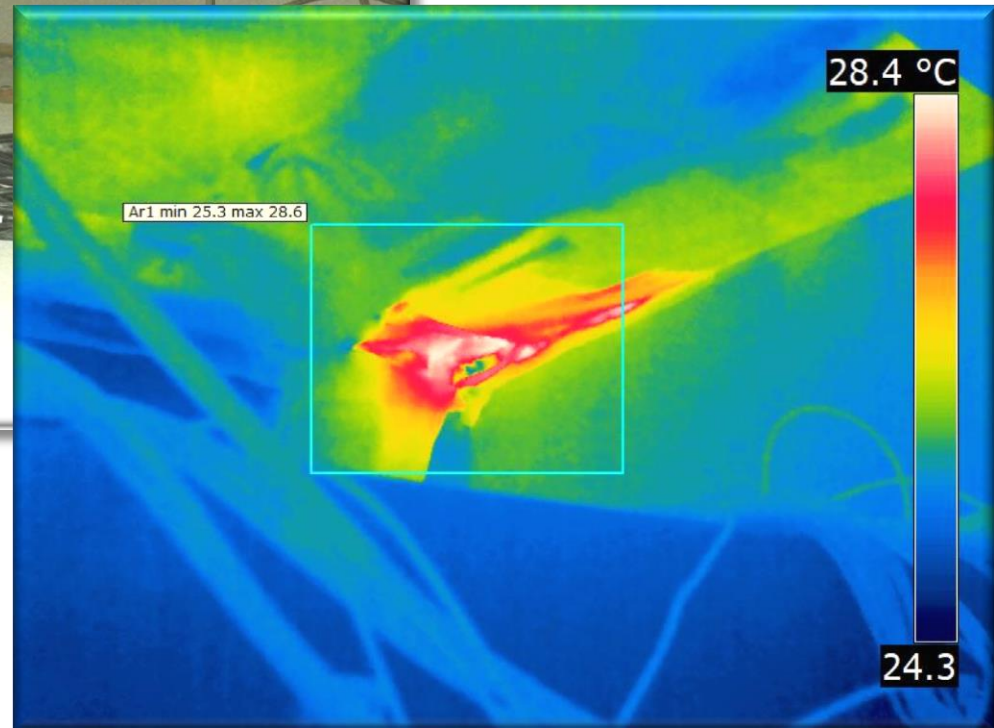






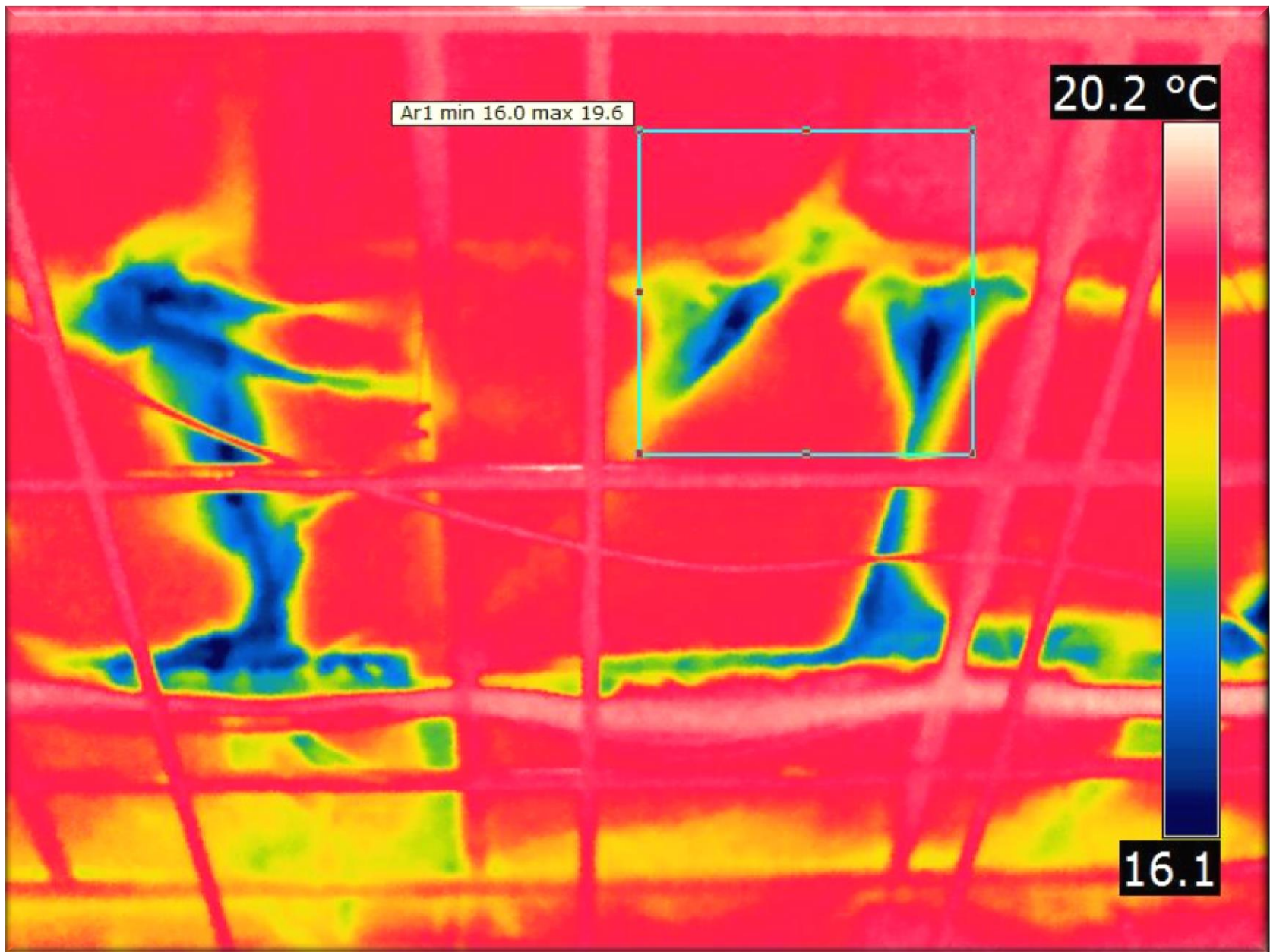


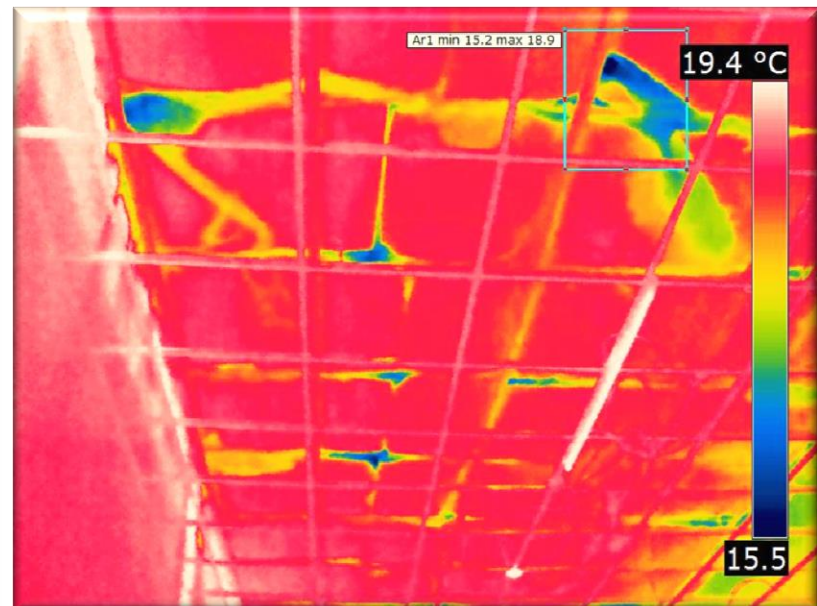
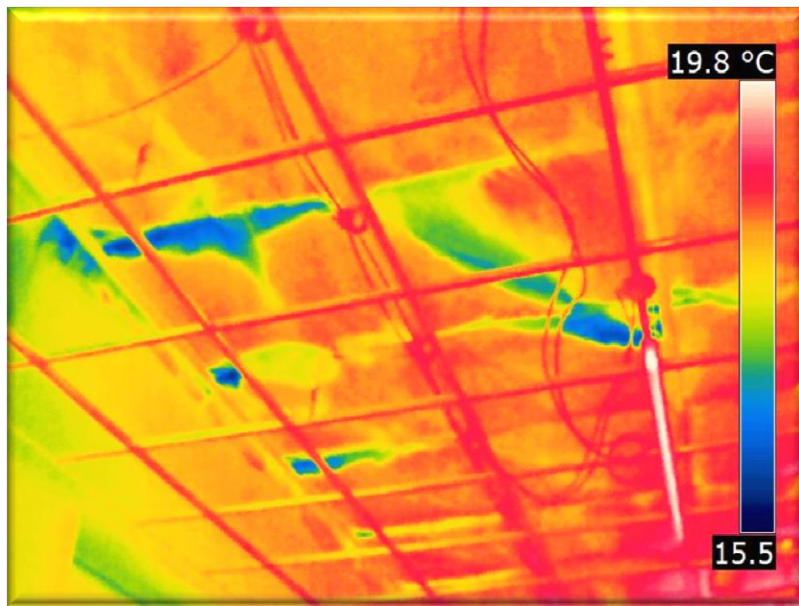
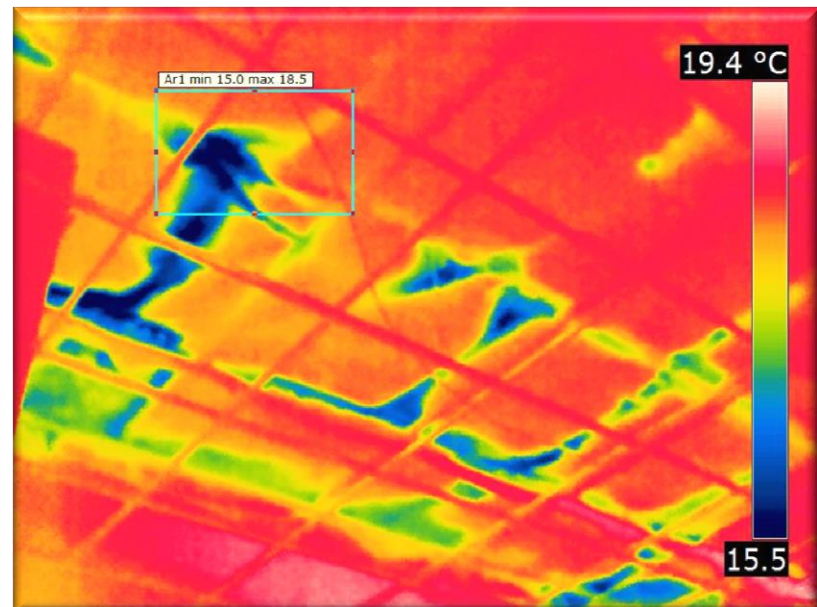
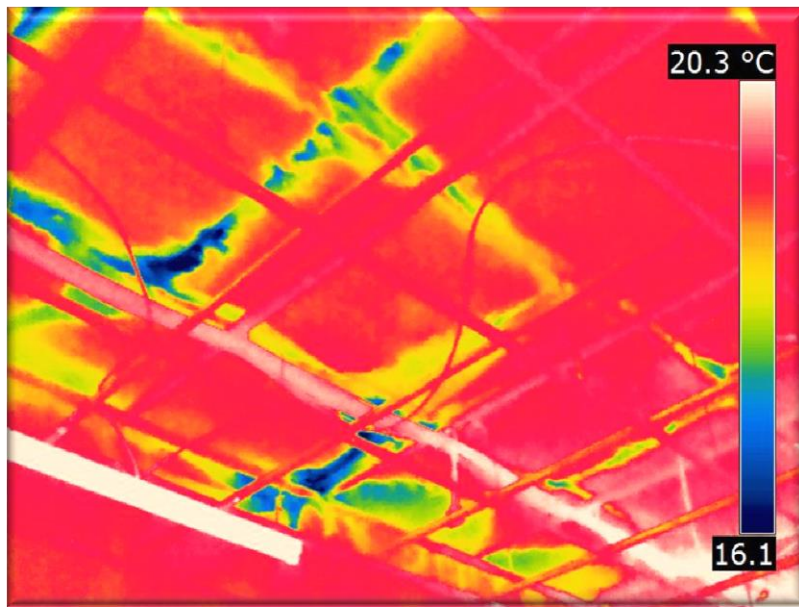






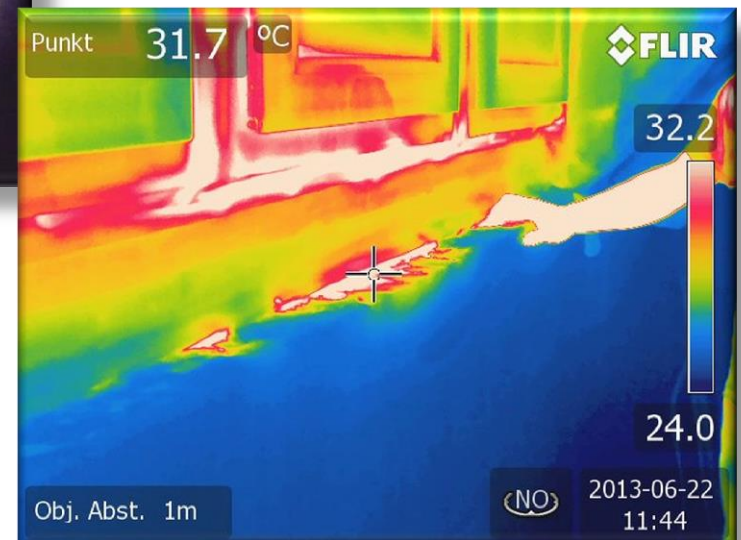


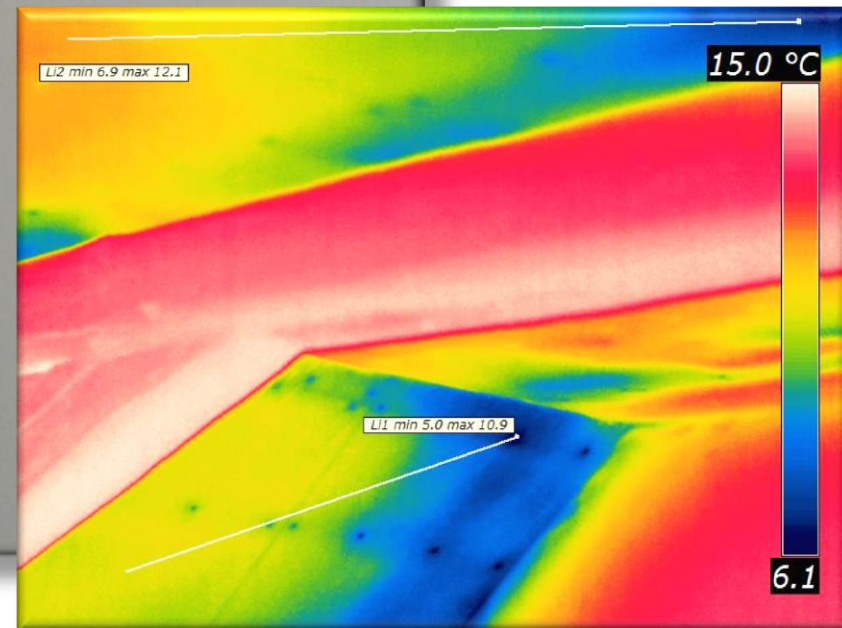
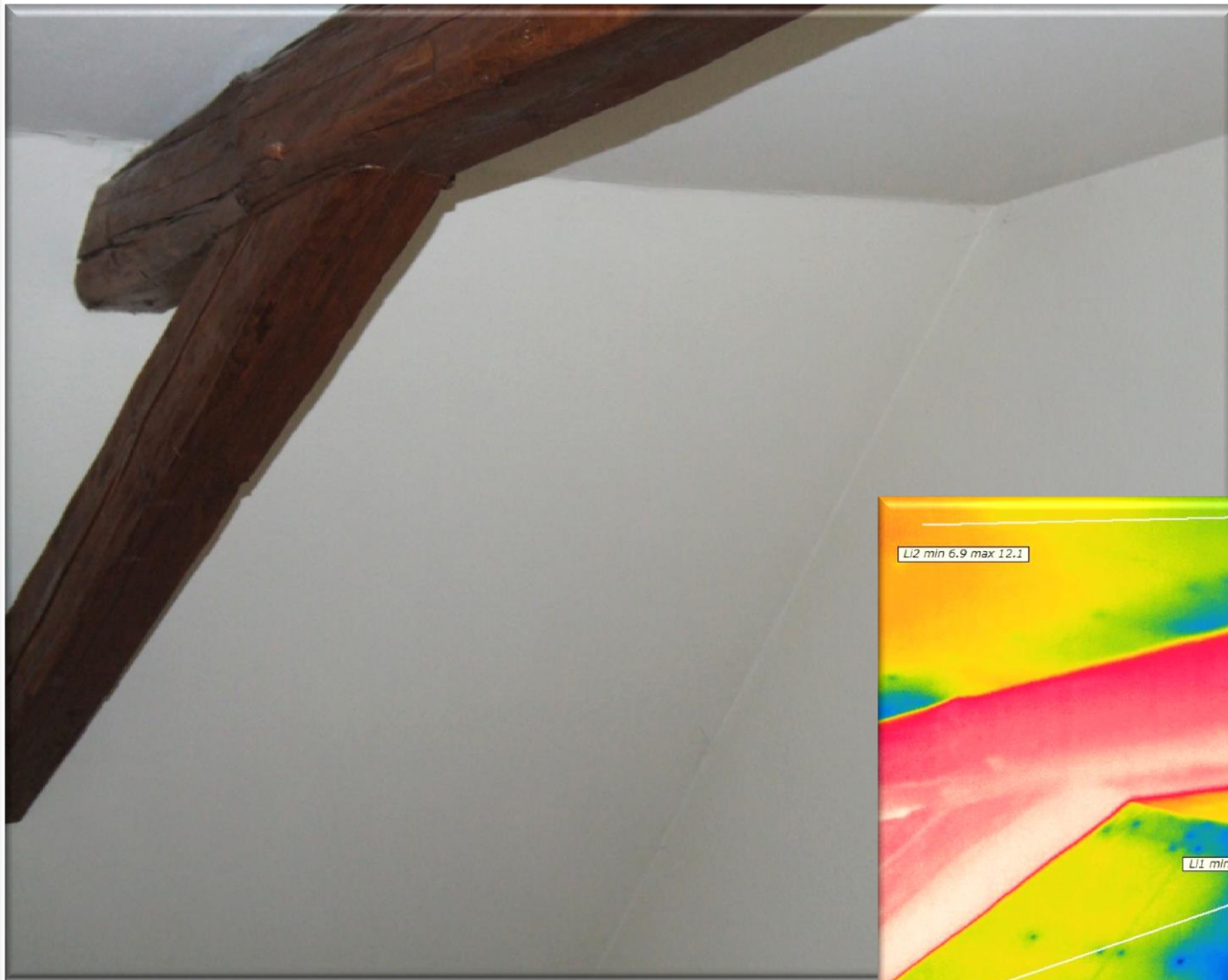




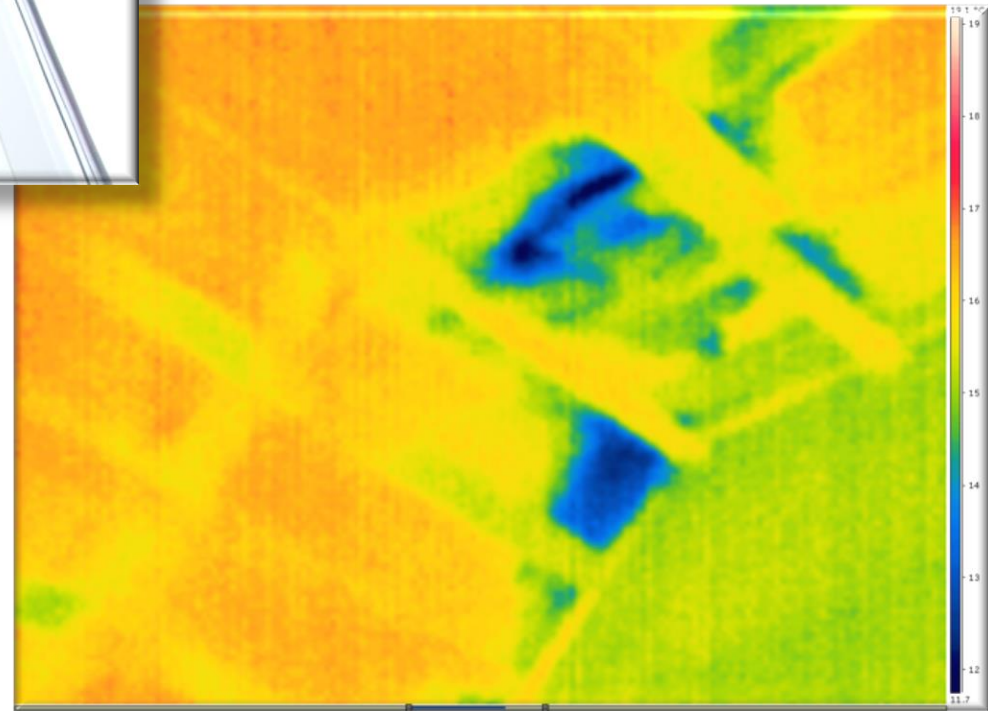






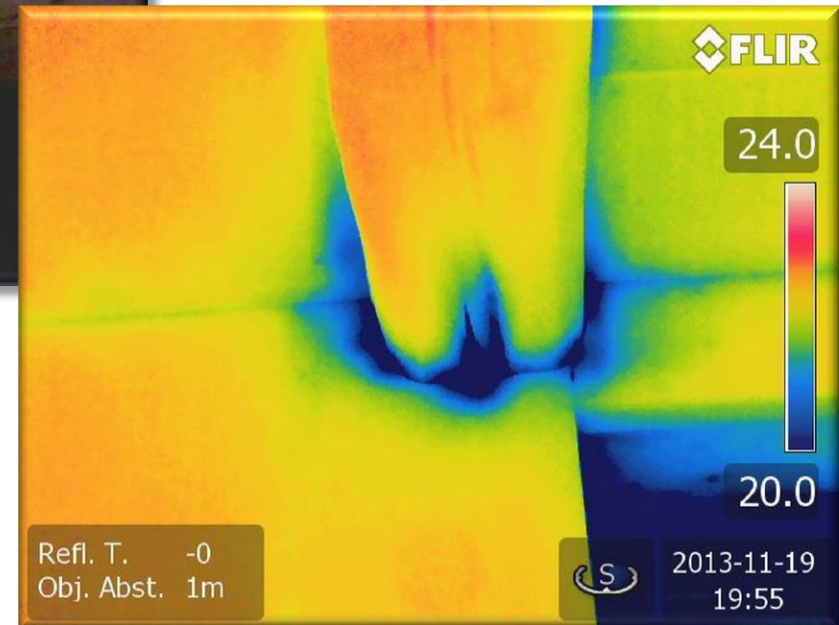


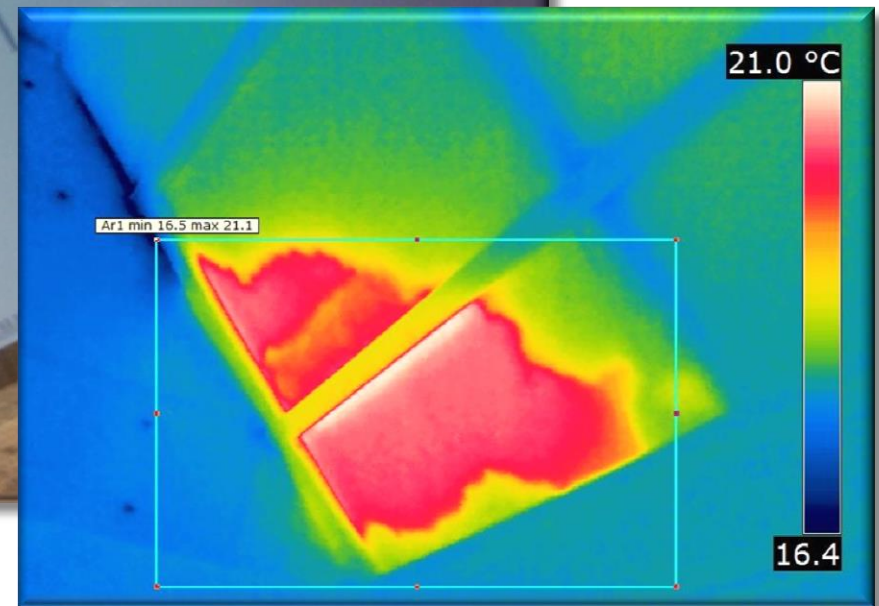
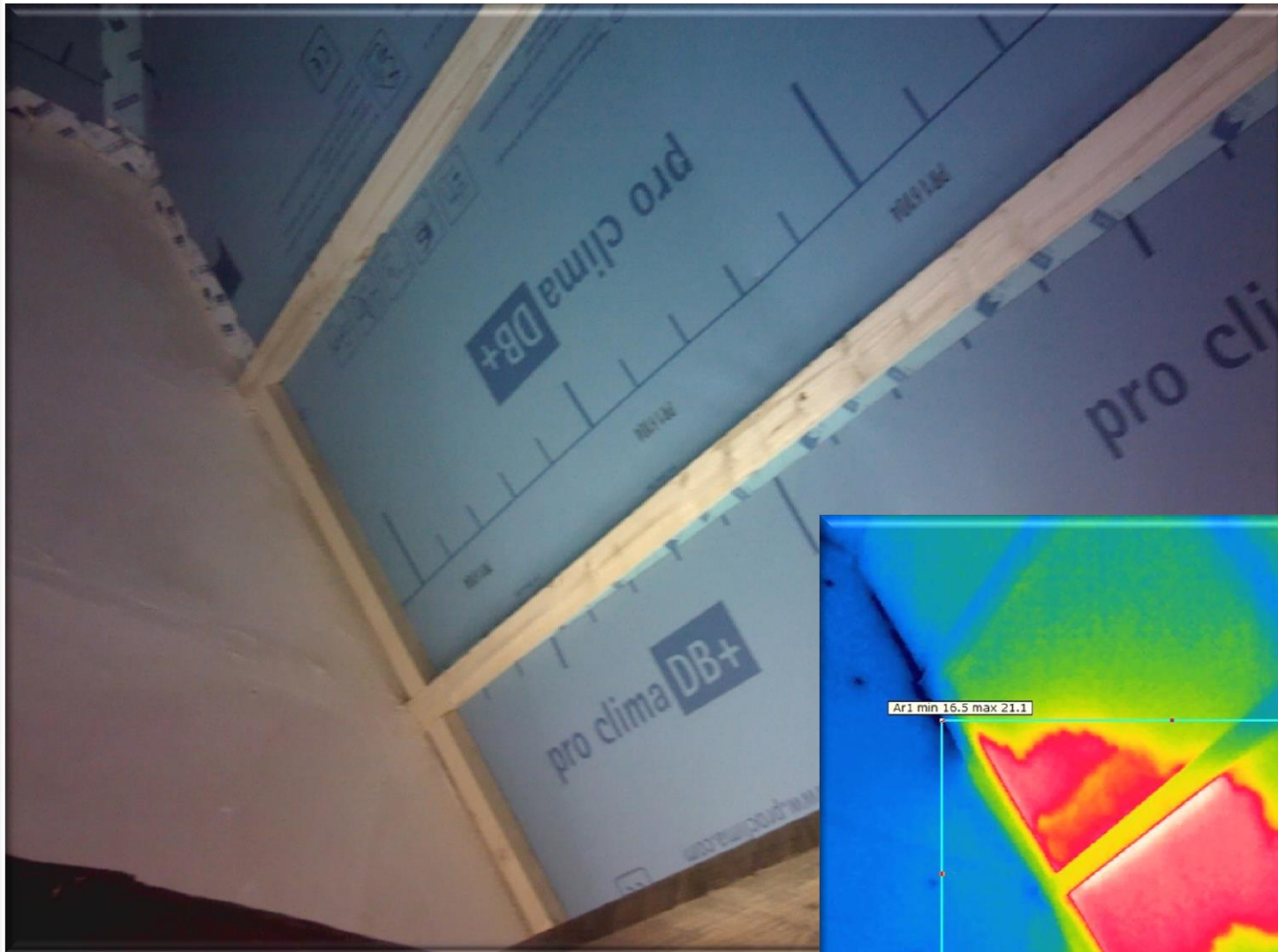




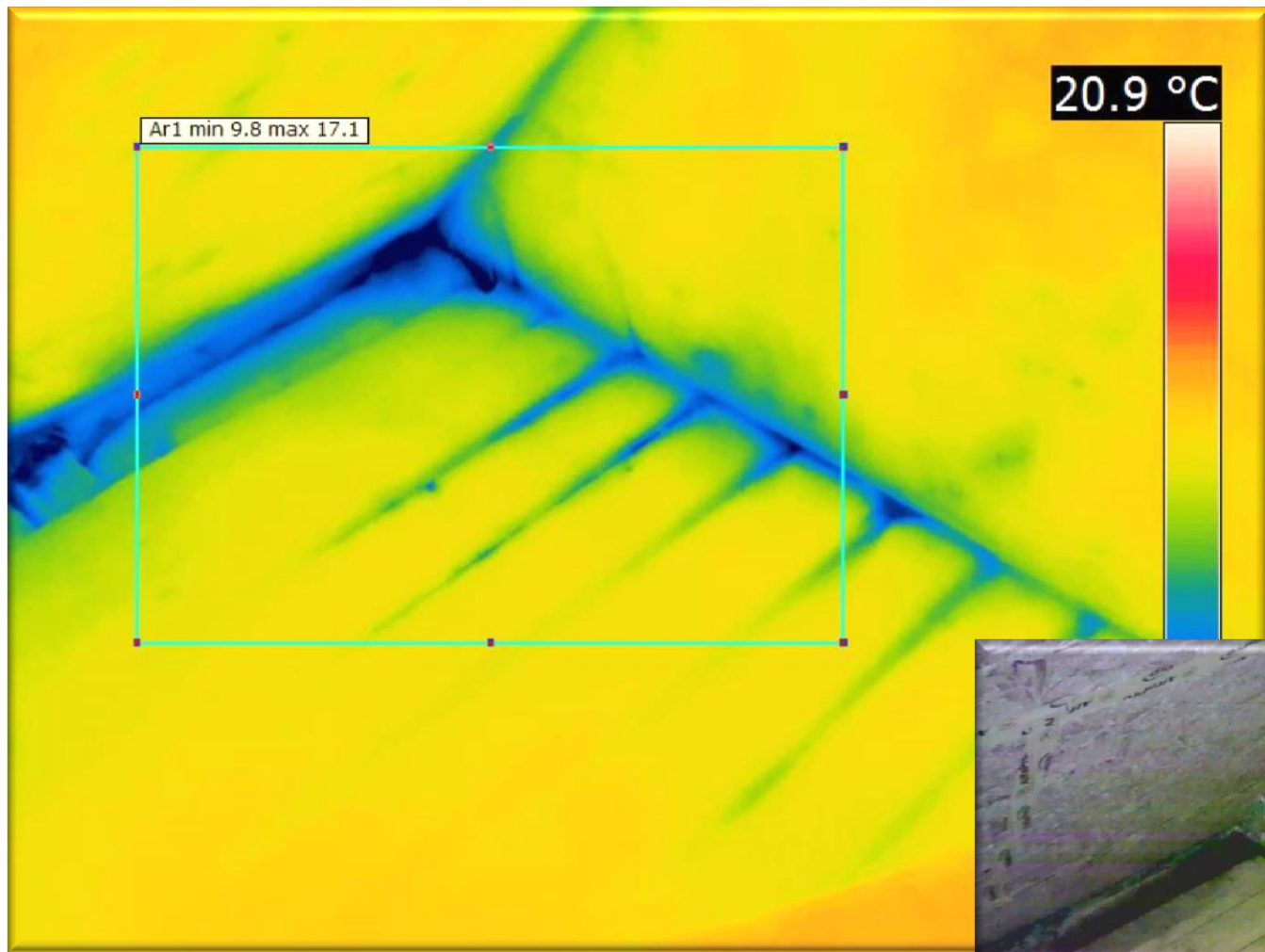








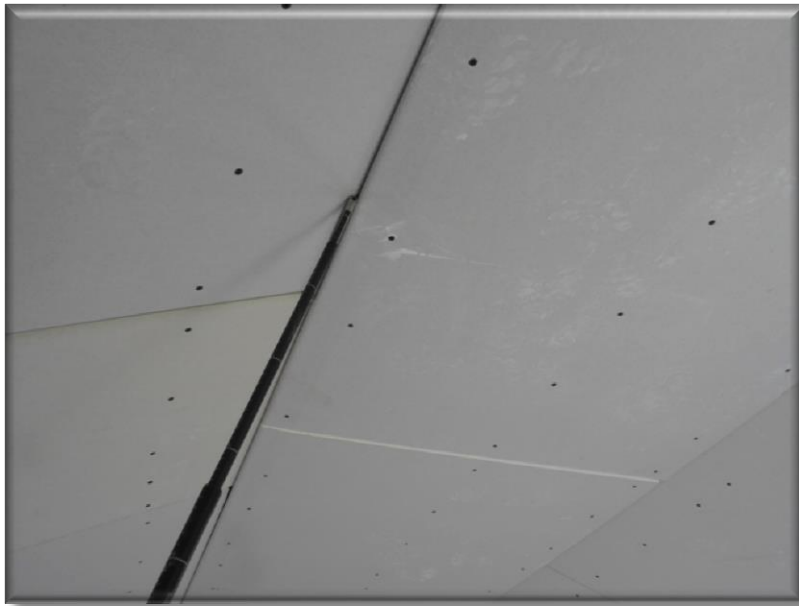
Nein, keine Einzelfall trotz der Wunderwaffe Einblasdämmung.



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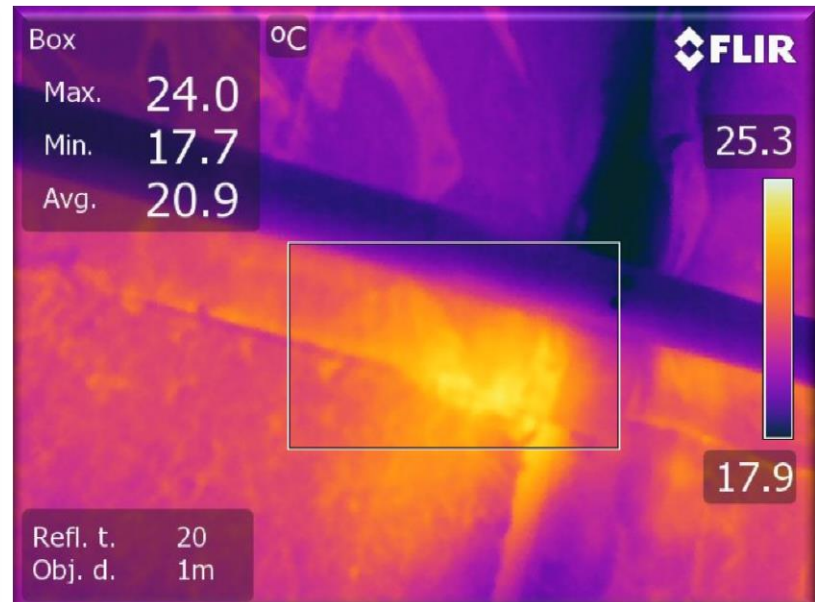
$0,62 \text{ m}^2\text{s}^{-1}$

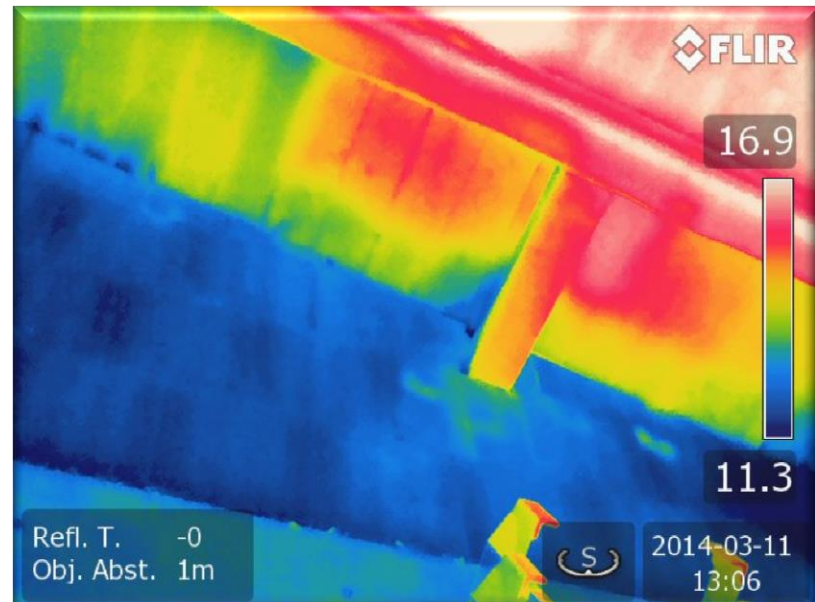
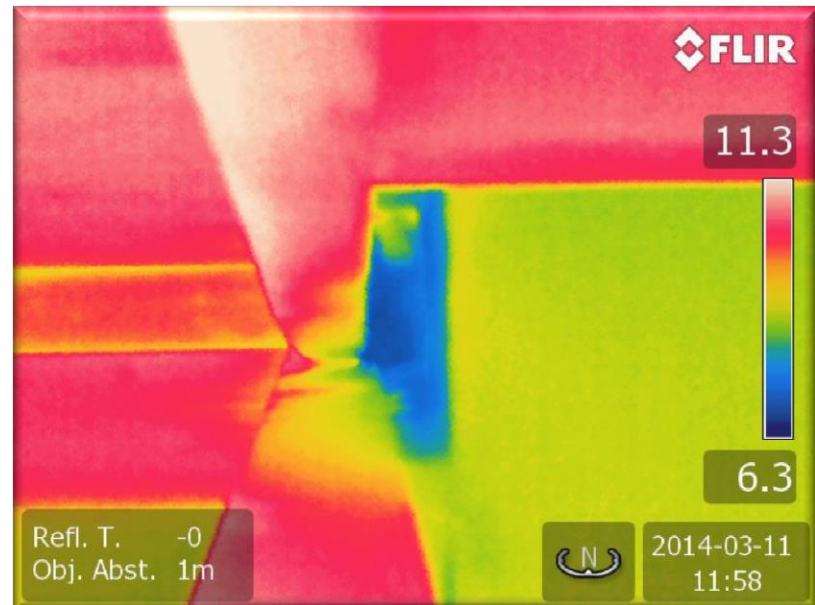


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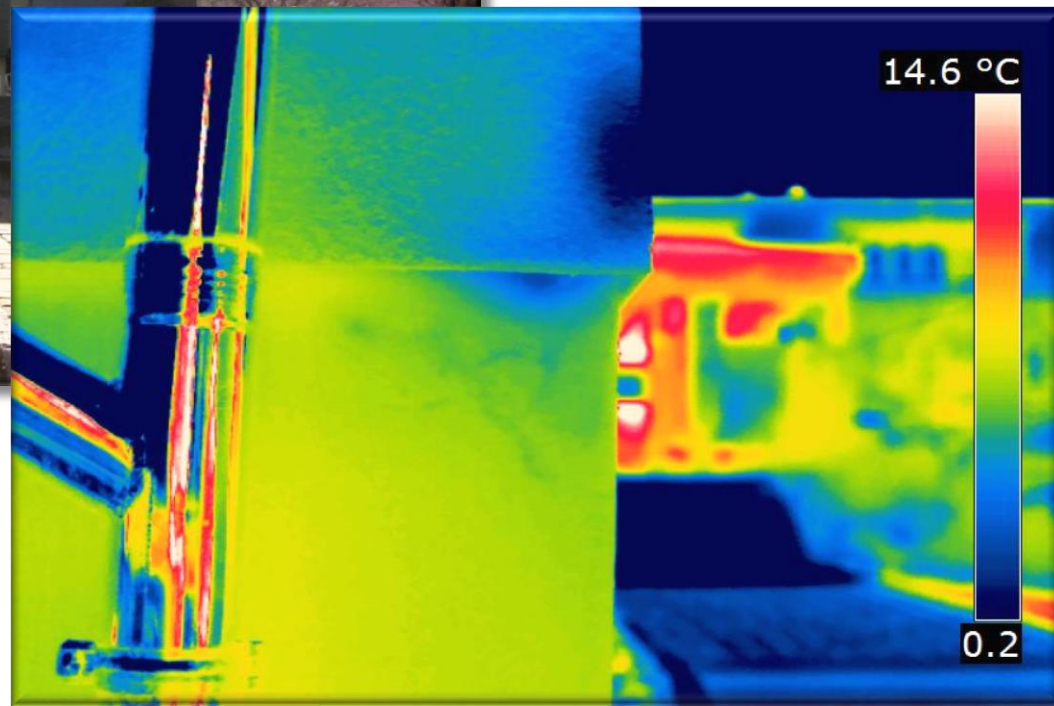
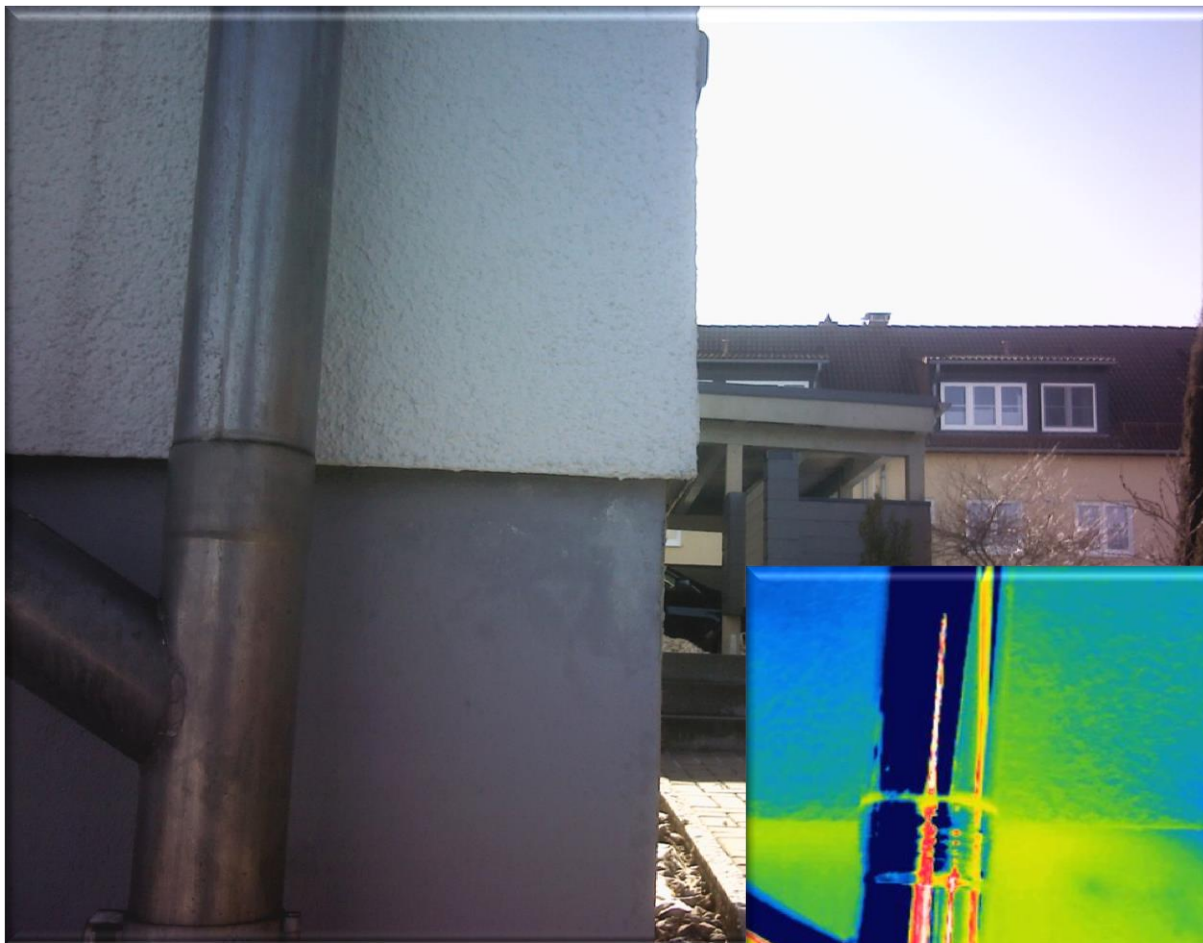




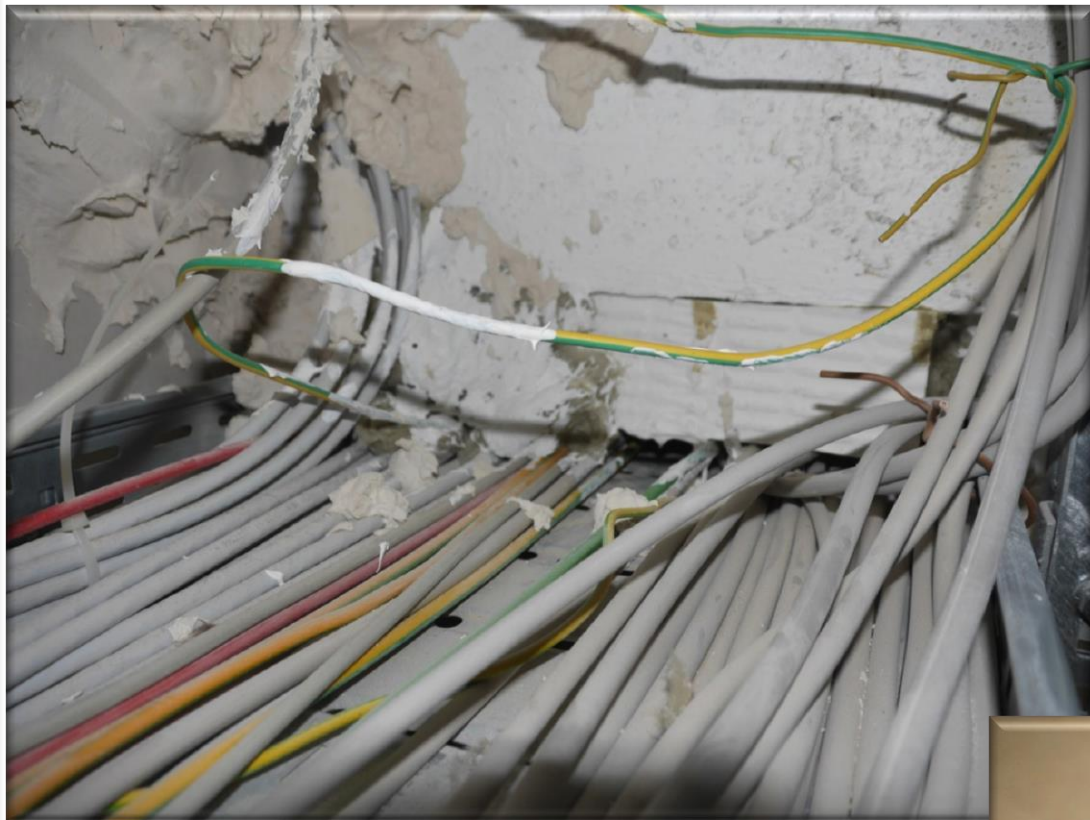






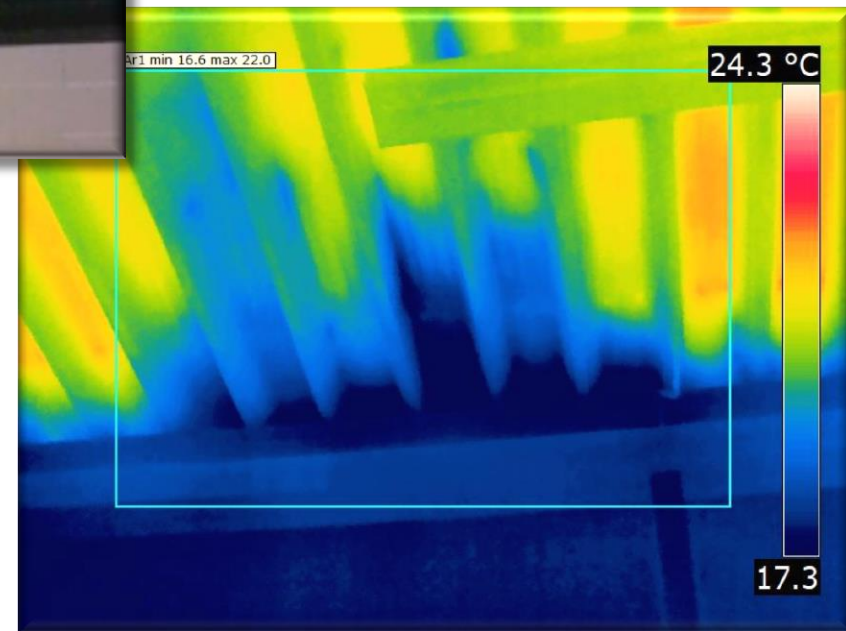








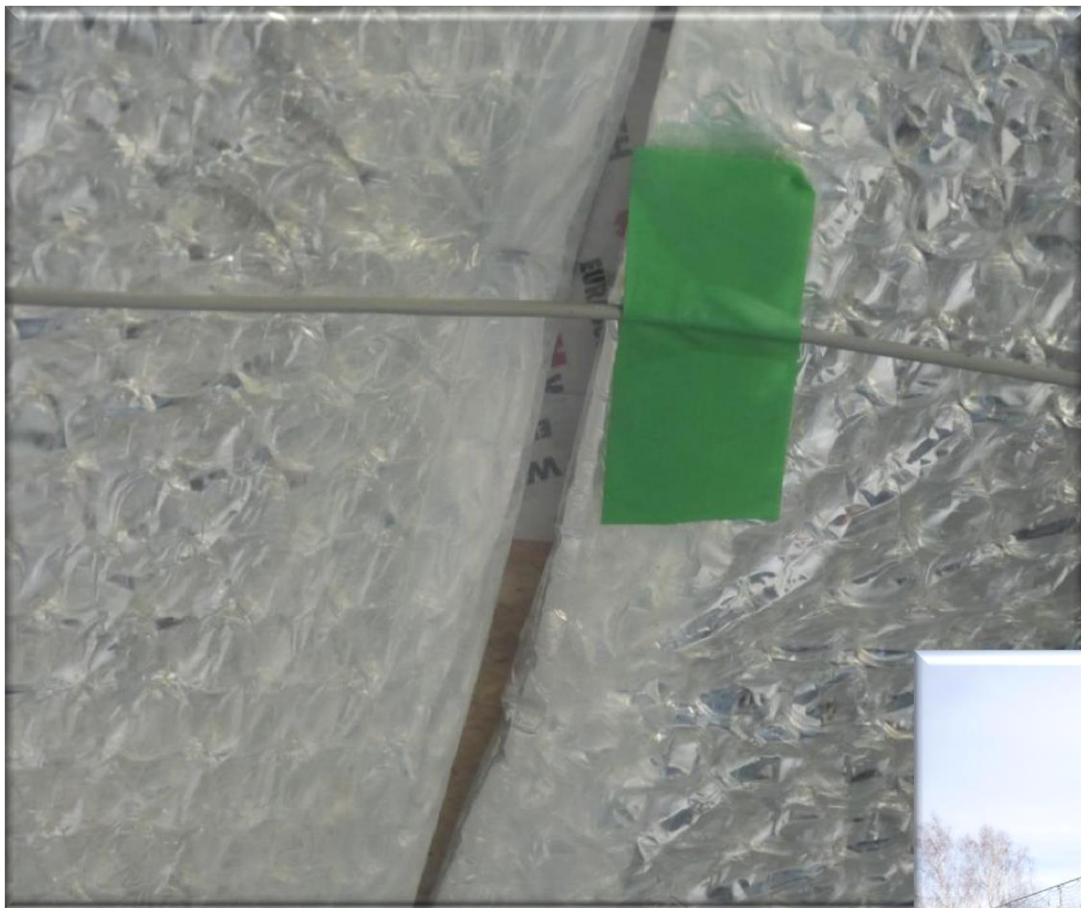
















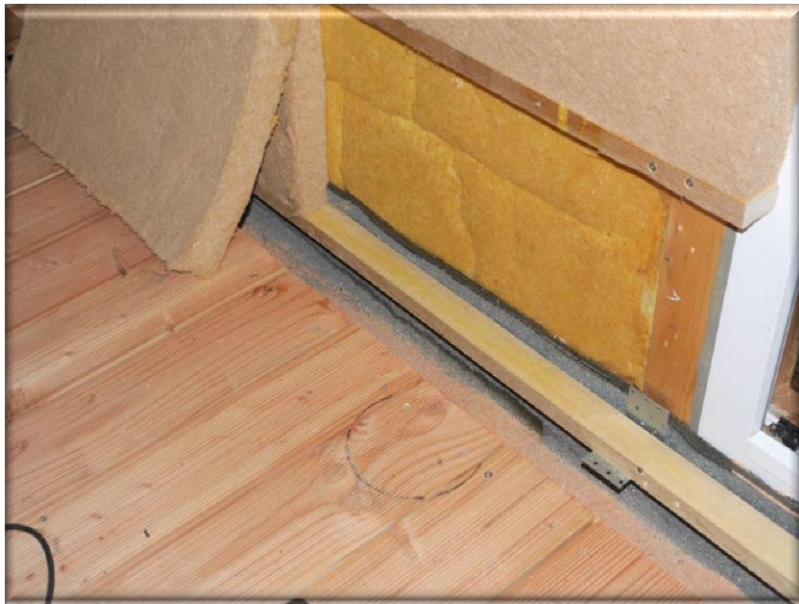






MiWo Isover
WLG 032

200mm



















Vielen Dank für Ihre geschätzte Aufmerksamkeit!

